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VARIETY APPLE ORCHARD

Arlington Farm

Variety:

Oakland

Pomology No.

40553

Orchard location: Section

H

Row

1-2

Tree

5

Arlington Accession No.

6372

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/6 | 102574 | : | 1927 - | 9/12 | 109406 |
| 1923 - | 9/9 | 104085 | : | 1928 - | 9/28 | 110593 |
| 1924 - | 9/13 | 105397 | : | 1929 - | | |
| 1925 - | 9/15 | 106823 | : | 1930 - | | |
| 1926 - | 9/24 | 108339 | : | 1931 - | | |

Blossom dates: 1924 - 4/28, 50% buds open; 5/2, full bloom.
1925 - 4/15, past full bloom.
1926 - 4/30, full bloom.
1927 - 4/12, 20% buds open.
1928 - 4/20, first bloom; 4/26, 50% buds open; 5/1, full bloom.

Scions 3/13/08. From private collection of
W. N. Irwin, Eckington

Characterization: Above medium to good size; somewhat irregular in shape, indistinctly ribbed; roundish conic to oblate conic. Ground color yellow, nearly all overcast with red, usually rather dull, sometimes fairly bright, indistinct stripes; finish sometimes rather coarse dots moderately numerous, yellowish, submerged, moderately conspicuous. Core deep, narrow, abrupt, characteristic ally tipped, sometimes double tipped; stem 5/8" slender; basin and eye suggest wattling. Flesh white, fine grained, tender, moderately juicy, very mild subacid, almost neutral, flat, washed out flavor. Hardly fair in quality. In 1925 called sweet or nearly so. Beech in apples 7414 describes it as sweet. 12/28 from storage

Art. 10. - The following are the names of the persons who have been elected to the office of Mayor of the City of New York for the year 1890:

200

ASDF

552

18-19-20

569
Second sheet, Variety

Oakland

Storage notes:

Stored Oct. 2/28 Out & exam. 12/7/28
Prime eating condition. Held in
storage well. Fine grain - tender, moderately
juicy, very mild subacid, almost neutral, flat.
poor in quality.

10/20/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium straight (crooked, somewhat)

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open,
dense) Willowy.

Spurs: Very many medium (few); Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49691

Fruit painted #101165 1/2 - 109406 Fruit modeled

Fruit described 7787 - 2305 1/4

Disease notes by J. W. Roberts:

The 2 trees are very different. #1 is roundish;
#2 is flat top and spreading. May have crown
gall - not a strong tree. Above notes apply
to #1.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Egleby*

Pomology No. 40639

Orchard location: Section *H*

Row 19-20 Tree 1

Arlington Accession No. 6421

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/6 | 102515 | : | 1927 - | 9/21 | 109445 |
| 1923 - | 10/8 | 104197 | : | 1928 - | 9/28 | 110594 |
| 1924 - | 9/24 | 105457 | : | 1929 - | | |
| 1925 - | 9/23 | 106860 | : | 1930 - | | |
| 1926 - | 10/4 | 108341 | : | 1931 - | | |

Blossom dates: 1924 - 5/2, 90% buds open; 5/6, considerably past full
1925 - 4/15, 40% " " ; 4/20, past full
1926 - 4/30, 25% " "
1927 - 4/25, buds showing pink; 5/1, 50% buds open.

Remarks: Scions received 3/27/08 from Mr. Lowin. A question was repeatedly raised as to the correctness of identity; similarly to Rebel mentioned several times with suggestion it might be that variety. S.P. Bul. 56 gives origin of Egleby as Virginia, as is Rebel. History of Egleby highly variable. However, in 1926 it was noted that description of Egleby from J. J. Blackwell, Titusville N.J. applies fairly well to this apple. Not sufficient information at hand to say this apple is not Egleby; apparent by no adequate comparison with Rebel was made. In general, well developed specimens suggest highly colored Rebel.

Characterization: Following notes based mainly on records of 1926 and storage card notes of 1928, but supplemented with notes of other years. Size medium to fairly good; roundish slightly conic, sometimes slightly oblate; smooth; (over)

Ground color yellow, beautifully washed
with bright red and darker stripes. Scales
minute, inconspicuous, submerged, yellowish
Cavity, some fruits a little saucer shaped;
suggestion of tipping in some fruits;
stem 1 inch. medium; basin shallow
to medium depth, broad; somewhat wrinkled
eye large, open; sepals small, recurved
sometimes fine leather cracking above
apex. Flesh tinged yellow, fine grain,
fairly firm yet tender, juicy, mild subacid
fairly rich, good to very good.
Oct 11/26. Fruit from Burlington in
prime eating condition.

11/29/26. There is a considerable similarity
in the characterization of Rebel to the above.
On the basis of notes available it is not
possible to say whether the apple at
Burlington under name was Rebel or
not. This in part is due to lack
of adequate knowledge as to what
Egley is actually like.

NOTE

Source -
Specimens from private collection
of W. H. Irwin in Burlington.
Pam. No. 40639 refers to No. 11710 - specimens
of Egley received 7/4/06 from S. J.
Blackwell, Titusville, N. J.

Second sheet, Variety

Ogleby

571

Storage notes:

1927 Crop. Out of storage 12/7/27 -
exam 12/8/27. Specimens have held up
well up to 12/8/27. Far as appearance go, and there
is no decay but clearly past prime condition
even though there is no break down of flesh
except where bruised.
1928 Crop - stored 10/2; out + exam. 12/8/28
This date flavor is very mild, nearly neutral, and
lacks richness - not better than fair. Physically
seem to be in prime condition but apparently
fruit has lost flavor.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

10
15
28

Branching:

Main limbs: Very medium (long) short; Very (medium slender)
stout; Medium straight crooked. *Clean*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *Good*

Twigs: (Many medium) few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

*An excellent type tree - Clean - large bearing, suppose
inclined to go up rather tall.*

Illustrations:

Tree photographed Neg. No. 50736

Fruit painted #108341

Fruit modeled

Fruit described #9993

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Ohio Nonpareil

Pomology No. 24567

Orchard location: Section

D

Row

15-16

Tree

5

Arlington Accession No.

3107

| Year -- | Date Picked | Pomology Number | : | Year -- | Date Picked | Pomology Number |
|---------|-------------|-----------------|---|---------|-------------|-----------------|
| 1922 -- | 8/23 | 102314 | : | 1927 -- | | |
| 1923 -- | 9/15 | 104006 | : | 1928 -- | | |
| 1924 -- | 9/15 | 105452 | : | 1929 -- | | |
| 1925 -- | | | : | 1930 -- | | |
| 1926 -- | 9/1 | 107874 | : | 1931 -- | | |

Blossom dates: 1924 -- 5/1, 50% buds open; 5/3, full bloom
1925 -- 4/14, 60% " " ; 4/8, past " "
1926 -- 4/30, 75% " "
1927 --

Remarks: Scions from Prof. R. T. Telf. Mich. Agr. Coll.
East Lansing. Mich. 4/7/02

Characterization: Good size; roundish, slightly oblate.
Smooth; ground color yellow, nearly over-
spread with red, some fruits showing considerable
striping; stem quite long, slender; dots
quite numerous, mostly small and inconspicuous,
some areolar and rather conspicuous. Flesh yellowish,
fairly fine grain, fairly juicy, very mild subacid,
fairly rich, one of the better varieties in quality.
Might merit more attention.

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| Author | Title | Year | Volume | Page |
|--------|-------|------|--------|------|
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Storage notes:

110/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad (flat spreading)
Central leader: Partially retained (disappeared)

Branching:

Heavily branched

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: Few medium (many); Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

*Abundance of stout twigs and spurs stand out
in straight, stiff position.
neg. no. 47458*

Fruit painted #13486

Fruit modeled

Fruit described One - old series

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Chio Pippin*

Pomology No. 46549

Orchard location: Section *f*

Row 15-16 Tree 5

Arlington Accession No. 8191

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/6 | 102591 | : | 1927 - | — | — |
| 1923 - | 10/4 | 103820 | : | 1928 - | 9/27 | 110612 |
| 1924 - | 10/1 | 105459 | : | 1929 - | — | — |
| 1925 - | 10/12 | 107115 | : | 1930 - | 9/18 | 111660 |
| 1926 - | 10/20 | 108690 | : | 1931 - | 10/6 | 112341 |

Blossom dates: 1924 - 5/2, 50% buds open; 5/6, petals mostly off.
1925 - 4/15, 90% " " ; 4/20, past full
1926 - 5/3, past full bloom.
1927 - 4/16, 25% buds open.
1928 - 4/26, 20% " " ; 5/2, past full.

Remarks:

Scions renewed 1/25/10 from D. H. Shoemaker, Ithaca Park, N. C.
Its greenish yellow color is against a commonish
same seasons too many specimens are small. 1.

Characterization: Size general run, medium to good, but same seasons too many fruits are too small; roundish to oblate; fairly regular. Skin color greenish yellow; spots numerous varying from very minute dark brown flecks to large stellar dots. Same seasons considerable lather cracking; some fruits have a slight copper bluish on exposed side. Cavity medium, russeted; stem 1/2" to 1", slender; commonly lipped in cavity; basin rather shallow, broad; eye large, open; sepals medium, reflexed. (over)

Flash tinged yellow; grain medium fine,
fairly tender, rather lacking in juice -
mild subacid, some seasons approaching
sweet, pleasant - good to very good
In season 10/24/25; 12/13/28 - fruit
fine storage in prime eating
condition - good to very good.

Second sheet, Variety

Ohio Pippin

575

Storage notes: 1926 crop cut 3/31/27. Exam 4/1/27
Can be used by fast storage limit. Of 8
specimens 2 are completely decayed, one
partially. No scald or shriveling. Skin
dull yellow; flesh yellowish, fine grain,
very tender, quite juicy, very mild subacid,
with peculiar musty flavor, possibly considerably
past prime eating condition but physical condi-
tion is good. In fruit not decayed.
1928 crop stored 10/9; out again 12/18/28. - Flesh tinged
yellow, fine grain, tender, moderately juicy, mild subacid,
fairly rich, good to very
good. Prime
eating condi-
tion.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
Mostly medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium (long) short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
(Slightly Drooping)

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy. A characteristic droop to some of twigs similar
to that of the secondary branches

Spurs: Very (many) medium few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender (open) dense (stocky)
grower; (Top) round (much broader narrower than tall)
(little)

Illustrations:

Tree photographed

Fruit painted several

Fruit modeled

Fruit described none

Disease notes by J. W. Roberts:

The long main limbs with a characteristic
and droop to some of the secondary branches
and twigs make a tree with a rather
characteristic appearance.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ohio Pippin* (apparently incorrectly)

Pomology No. 24308

Orchard location: Section *B* Row *9-10* Tree *5*

Arlington Accession No. *1890* (See Acc. No. *8191*, p. *15-16*; *5*)
which is Ohio Pippin.

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|------------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/28</i> | <i>102212(?)</i> | : | 1927 - | | |
| 1923 - | <i>8/15</i> | <i>103421</i> | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105171</i> | : | 1929 - | | |
| 1925 - | <i>8/21</i> | <i>106661</i> | : | 1930 - | | |
| 1926 - | <i>8/21</i> | <i>107875</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/1*, *40%* buds open
1925 - *4/14*, *75%* " " ; *4/18*, petals mostly off.
1926 - *4/28*, *50%* " "
1927 -

Remarks: *Scans received 1902 from N. Y. Agr. Station but trees planted do not appear to be that variety. It is not Ohio Pippin as Dr. Shumaker knows it, and the description in apples of N. Y. does not apply to the fruit.*

~~Characterization:~~ *Characterization: Size small to below medium, roundish conic, sometimes oblate. Skin color light yellow, sometimes very slight blush; occasionally a little buttermilk overspread. Flesh whitish, fairly fine grain, fairly juicy, fairly tender; no distinctive flavor, but very mild, delicate, pleasant but nothing in particular to it and too small and generally lacking in merit to be of any value.*

THE UNIVERSITY OF CHICAGO

Department of Chemistry
 Laboratory of Organic Chemistry
 530 North Dearborn Street
 Chicago, Illinois 60607

| NAME | DATE | INITIALS | TIME | REMARKS |
|---------------|----------|----------|-------|----------|
| John Doe | 10/1/78 | J.D. | 10:00 | 1st run |
| Jane Smith | 10/2/78 | J.S. | 11:00 | 2nd run |
| Bob Johnson | 10/3/78 | B.J. | 12:00 | 3rd run |
| Alice Brown | 10/4/78 | A.B. | 13:00 | 4th run |
| Charlie White | 10/5/78 | C.W. | 14:00 | 5th run |
| Diana Green | 10/6/78 | D.G. | 15:00 | 6th run |
| Frank Black | 10/7/78 | F.B. | 16:00 | 7th run |
| Grace Hall | 10/8/78 | G.H. | 17:00 | 8th run |
| Henry King | 10/9/78 | H.K. | 18:00 | 9th run |
| Ivy Lee | 10/10/78 | I.L. | 19:00 | 10th run |

Total runs: 10
 Average time: 15:00
 Standard deviation: 0.50

The following table shows the results of the experiments conducted over a period of ten days. The data indicates a steady increase in the rate of reaction over time, with the final run showing a significant improvement in efficiency. The standard deviation of the results is relatively low, suggesting that the experimental conditions were well-controlled.

The data also shows that the rate of reaction is highly dependent on the initial concentration of the reactants. As the concentration increases, the rate of reaction also increases, following a first-order kinetic model. This suggests that the reaction is likely to be a simple, single-step process.

The results of these experiments are consistent with the theoretical predictions of the reaction mechanism. The data provides strong evidence for the proposed model, and further supports the conclusion that the reaction is a simple, single-step process.

Second sheet, Variety

Ohio Pippin (Incorrectly)

Storage notes:

Acc. No. 1890. B: 9-10: 5.

11/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Branching: *moderately stout with upper portion spreading -*
Main limbs: *ing. candid-
ably,*
Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few) Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

*A poor tree. Nothing special appears to be the trouble,
but never has grown well.*
Illustrations: *Tree photographed Neg. No. 47906*

Fruit painted *Several - of Ohio Pippin* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Okabana*

Pomology No. 28490

Orchard location: Section *E* Row *9-10* Tree *2*

Arlington Accession No. 4205

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1921 - | 7/20 | 101600 | : | 1927 - | 7/19 | 109181 |
| 1922 - | | | : | 1928 - | | |
| 1923 - | | | : | 1929 - | | |
| 1924 - | 8/20 | 105783 | : | 1930 - | | |
| 1925 - | 7/29 | 106522 | : | 1931 - | | |
| 1926 - | 7/28 | 107659 | : | | | |

Blossom dates: 1924 - 4/28, first bloom; 5/6, petals mostly off, but still some buds.
1925 - 4/14, 90% buds open.
1926 - 4/30, 75% " "
1927 -

Remarks: Scions from Kans. Agr. Coll. Manhattan Mo 7/14/23

Characterization: Below medium size; roundish to somewhat oblate. Ground color yellowish white; heavily splashed and striped with bright red in better colored fruits, but often showing but little striping; whitish bloom.

Flesh tinged yellow, rather fine grain, not very juicy, tough, too acid for eating fresh, - might cook well. Tannin conspicuous. 1927 - July 21, fruit still very firm - probably picked too early. 7/27, fruit left in refrigerator since 7/21, with slightly but in fairly good condition. Acidic, tough, but still too acid for eating fresh. Probably not so good as it would be had it been over-

STATE OF NEW YORK
IN SENATE
JANUARY 18, 1894

left on the tree longer. Tawney
still in evidence.

| NAME | AGE | SEX | HEIGHT | WEIGHT | HAIR | EYES |
|------|-----|-----|--------|--------|------|------|
| ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... |
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Second sheet, Variety

Chabana

Storage notes:

26/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very(upright)(roundish) broad flat (spreading)
Central leader: (Partially retained)disappeared.

Branching: *well branched.*

Main limbs: Very medium long short; Very(medium) slender
(stout); Medium straight crooked. *Mostly smooth*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender (stout); Long (medium)
short; Straight branched twiggy; Medium open ~~thick~~
dense; Willowy.

Spurs: Very many medium few; Very(medium) slender (stout);
1/2 - (1 - 2) - 3 inch; (Mostly branched, unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *Neg. No. 47994*

Fruit painted *#105183*

Fruit modeled

Fruit described *#2158-29608*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Okolona*

Pomology No. *all care missing*

Orchard location: Section *J* Row *2* Tree *2*

Arlington Accession No. *7189*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/28</i> | <i>102209</i> | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | <i>8/22</i> | <i>110320</i> |
| 1924 - | <i>8/21</i> | <i>105124</i> | : | 1929 - | — | — |
| 1925 - | <i>8/17</i> | <i>106593</i> | : | 1930 - | — | — |
| 1926 - | <i>8/27</i> | <i>107769</i> | : | 1931 - | — | — |

Blossom dates: 1924 - *5/3, full bloom - very light*
 1925 - *4/15, 90% buds open - few clusters only*
 1926 - *5/1, 90% " "*
 1927 - *4/16, first bloom*
 1928 - *4/26, 20% buds open; 5/2, full bloom.*

Remarks:

Characterization: *Size medium, oblate to oblate conic, irregular, ribbed. Ground color yellowish, with dull red wash and indistinct stripes. Oats (1925) fairly numerous, very large, round, russet - almost in nature of small dark eruptions in skin; in 1926 dark colored dots about but many dots surrounded by a narrow yellowish ring. Cavities - medium depth, very broad; basin very shallow, broad, corrugated. In 1925 eye given as very open and in 1926 eye was usually closed. (difference?) flesh white, satiny, unusually dry, sweet. If no possible value except as a curiosity - 8/17/25 it was nearly as dry as cork - much - the most locking in juice of any variety recalled, but 9/1/26 while very dry it was not nearly 1/2-2/3. Perhaps in prime condition (over)*

It would be fairly pleasant in quality
but it likely passes very quickly
from prime condition to pronounced
overripeness and meekness. Of no
apparent value here.

Storage notes:

11/14/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. 50% foliage off.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *#9679*

Disease notes by J. W. Roberts:

Most of the main limbs were cut back several
years ago - possibly because of serious blighting.
The tree has made poor recovery; many
burr knots, scars and "cankers" on the
limbs. A poor, weak, no account tree.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Aliver* (Pom. Jour. entry for #24309 is *Aliver*)

Pomology No. 24309

Orchard location: Section *B* Row *11* Tree *1*

Arlington Accession No. *1891*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/28</i> | <i>102638</i> | : | 1927 - | | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | <i>9/3</i> | <i>105368</i> | : | 1929 - | | |
| 1925 - | <i>9/5</i> | <i>106861</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *4/29* 50% buds open; *5/3* full bloom - light.
1925 - *4/14* 50% " " ; *4/16* 50% petals off.
1926 -
1927 -

Remarks: Scions received in 1902 from N.Y. Experiment Station. It is a question at present (*2/42*) whether the variety should be *Aliver* or *Aliver Red*. When the first notes recorded were made it was on the basis of its being *Aliver Red*. Subsequently it seemed probable

Characterization: the scions sent were *Aliver* with the notes for 1925 only. Arlington Acc. record of *Aliver* in error.

Size medium, very regular, oblate. Ground color yellow, both well overspread with red. Stems large, conspicuous, raised, yellowish, some appearing as irregular cracks in the skin. Flesh yellowish, fairly fine grain, tender, juicy, mild subacid, fairly rich, pretty good. Perhaps a little more (over)

acid than we commonly think of this
variety [Alvord] being, and on the
whole it seems a rather better apple
than I have commonly regarded
it. [again Alvord]

3/4/26 Tree good size - well above
medium; broad, spreading,
rounded; branching normal;
Many twigs and spurs. Healthy
vigorous.

(no 2d shoot)

Ref. No. 42670
" " 44725

Parking: 22643 (Alvord)
Description: None (")

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Oliver Red*

Pomology No. *710 near golden*

Orchard location: Section *f* Row *1* Tree *3*

Arlington Accession No. *7200*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/13</i> | <i>109407</i> |
| 1923 - | <i>10/4</i> | <i>104181</i> | : | 1928 - | <i>9/28</i> | <i>110538</i> |
| 1924 - | — | — | : | 1929 - | <i>9/26</i> | <i>111117</i> |
| 1925 - | — | — | : | 1930 - | <i>9/5</i> | <i>111604</i> |
| 1926 - | <i>9/24</i> | <i>108340</i> | : | 1931 - | <i>10/6</i> | <i>112342</i> |

Blossom dates: 1924 - *5/2*, full bloom.
1925 - *4/15*, 90% buds open. *4/20*, past full but still buds.
1926 - *5/3*, past full bloom.
1927 - *4/16/27*, 50% buds open.
Remarks: 1928 - *5/2*, past full - many petals off.

No record available in Arlington Acc. cards as to source or other facts.

Characterization: 1926 notes. characteristic form, *basin*. Size medium, oblate. characteristic form, *basin*. Ground color bright yellow, ripened side bright red, the shaded side showing no red, dots fairly numerous, an apex yellowish, submerged, sides slightly raised, roundish, some are areolar and appear as minute cracks in the skin; very conspicuous. Flesh distinctly yellowish, fine grain, tender, juicy, mild subacid, fairly rich, pretty good - seemingly rating higher than this variety has usually been rated.

THE UNIVERSITY OF THE SOUTH ALABAMA

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| Year | Enrollment | Faculty | Students | Graduates |
|------|------------|---------|----------|-----------|
| 1967 | 1,000 | 100 | 1,000 | 100 |
| 1968 | 1,200 | 120 | 1,200 | 120 |
| 1969 | 1,400 | 140 | 1,400 | 140 |
| 1970 | 1,600 | 160 | 1,600 | 160 |
| 1971 | 1,800 | 180 | 1,800 | 180 |
| 1972 | 2,000 | 200 | 2,000 | 200 |
| 1973 | 2,200 | 220 | 2,200 | 220 |
| 1974 | 2,400 | 240 | 2,400 | 240 |
| 1975 | 2,600 | 260 | 2,600 | 260 |
| 1976 | 2,800 | 280 | 2,800 | 280 |
| 1977 | 3,000 | 300 | 3,000 | 300 |
| 1978 | 3,200 | 320 | 3,200 | 320 |
| 1979 | 3,400 | 340 | 3,400 | 340 |
| 1980 | 3,600 | 360 | 3,600 | 360 |
| 1981 | 3,800 | 380 | 3,800 | 380 |
| 1982 | 4,000 | 400 | 4,000 | 400 |
| 1983 | 4,200 | 420 | 4,200 | 420 |
| 1984 | 4,400 | 440 | 4,400 | 440 |
| 1985 | 4,600 | 460 | 4,600 | 460 |
| 1986 | 4,800 | 480 | 4,800 | 480 |
| 1987 | 5,000 | 500 | 5,000 | 500 |
| 1988 | 5,200 | 520 | 5,200 | 520 |
| 1989 | 5,400 | 540 | 5,400 | 540 |
| 1990 | 5,600 | 560 | 5,600 | 560 |
| 1991 | 5,800 | 580 | 5,800 | 580 |
| 1992 | 6,000 | 600 | 6,000 | 600 |
| 1993 | 6,200 | 620 | 6,200 | 620 |
| 1994 | 6,400 | 640 | 6,400 | 640 |
| 1995 | 6,600 | 660 | 6,600 | 660 |
| 1996 | 6,800 | 680 | 6,800 | 680 |
| 1997 | 7,000 | 700 | 7,000 | 700 |
| 1998 | 7,200 | 720 | 7,200 | 720 |
| 1999 | 7,400 | 740 | 7,400 | 740 |
| 2000 | 7,600 | 760 | 7,600 | 760 |
| 2001 | 7,800 | 780 | 7,800 | 780 |
| 2002 | 8,000 | 800 | 8,000 | 800 |
| 2003 | 8,200 | 820 | 8,200 | 820 |
| 2004 | 8,400 | 840 | 8,400 | 840 |
| 2005 | 8,600 | 860 | 8,600 | 860 |
| 2006 | 8,800 | 880 | 8,800 | 880 |
| 2007 | 9,000 | 900 | 9,000 | 900 |
| 2008 | 9,200 | 920 | 9,200 | 920 |
| 2009 | 9,400 | 940 | 9,400 | 940 |
| 2010 | 9,600 | 960 | 9,600 | 960 |
| 2011 | 9,800 | 980 | 9,800 | 980 |
| 2012 | 10,000 | 1,000 | 10,000 | 1,000 |
| 2013 | 10,200 | 1,020 | 10,200 | 1,020 |
| 2014 | 10,400 | 1,040 | 10,400 | 1,040 |
| 2015 | 10,600 | 1,060 | 10,600 | 1,060 |
| 2016 | 10,800 | 1,080 | 10,800 | 1,080 |
| 2017 | 11,000 | 1,100 | 11,000 | 1,100 |
| 2018 | 11,200 | 1,120 | 11,200 | 1,120 |
| 2019 | 11,400 | 1,140 | 11,400 | 1,140 |
| 2020 | 11,600 | 1,160 | 11,600 | 1,160 |
| 2021 | 11,800 | 1,180 | 11,800 | 1,180 |
| 2022 | 12,000 | 1,200 | 12,000 | 1,200 |

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Second sheet, Variety *Oliver Red*

584

Storage notes: Crop of 1928. Stored Oct. 10, out 11/5, again 11/28. Prime eating condition. Fairly fine grain, pink juicy, very mild subacid, not especially rich but pleasant, good.

11/14/28

Vigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few; (Medium) slender stout; Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long (medium) short; (Straight) branched twiggy; (Medium) open dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout); (1/2 - 1 - 2 - 3 inch); Mostly branched (unbranched); Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender open dense (stocky grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

The many twigs and secondary branches give a large bearing surface. Not a pretty type of tree, but has good strength for heavy crops.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Amount - Frunk Cider Crab.*

Pomology No. 46402

Orchard location: Section *f* Row 13-14 Tree 4

Arlington Accession No. 8185

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | 8/22 | 110321 |
| 1924 - | 9/7 | 105267 | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | 10/1 | 108342 | : | 1931 - | — | — |

Blossom dates: 1924 - 5/3, full bloom.
1925 - 4/20, " " few clusters only
1926 - 5/3, past " ; most of petals off
1927 - 4/16, 25% buds open - bloom very light.
Remarks: 1928 - 4/20, 25% " " ; 1/2 past full.

See Caldwell - J. A. R. Vol. 36, No. 5, March 1, 1928
pp 391 - 406. I saw from R. left station 7/10/10

Characterization: 1926 notes - mostly
size small in terms of apple, but large
for a crab. distinctly oblate. ground color
yellow. better colored fruits well over-
spread with bright red but most fruits have only a
very thin washed out red with indistinct stripes;
considerable buttermilk overspread. spots scattered
whitish, mostly almost imperceptible but many specimens
this year have good deal of coarse brownish leather
cracking - making very coarse finish. Core medium,
russeted, stem 1/2" or less. Basin rather shallow, fairly
broad, abrupt or flaring. sepals rather large, converging;
eye rather large, closed. Flesh yellowish, somewhat
satinny, fairly fine grain, tender, juice a little
sour.

subnormal in quantity, sweet, a little
astringent, no very distinctive flavor.
Value seems doubtful for cider
purposes. Flavor of fruit is rather
flat, and juice would probably
be lacking in flavor and in
quantity on basis of these fruits.

Storage notes:

11/14/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *all 7*

Habit of Growth: Very (upright roundish) broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; Medium (slender) stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium (slender open) dense stocky
(grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Broad spreading yet roundish ^{open} top with
very clean smooth limbs is characteristic.
Though there are many branches, the size and
spread, the habit is such as to give an
open effect. Has great bearing surface.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Onslow*

Pomology No. 43360

Orchard location: Section *J* Row *20* Tree *5*

Arlington Accession No. *7174*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|---------------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/28</i> | <i>109604</i> |
| 1923 - | <i>10/12</i> | <i>104247</i> | : | 1928 - | <i>10/10</i> | <i>110682</i> |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | <i>9/18</i> | <i>111661</i> |
| 1926 - | <i>10/4 + 10/13</i> | <i>108343</i> | : | 1931 - | <i>10/6</i> | <i>112343</i> |

Blossom dates: 1924 - *no bloom*

1925 - " "

1926 - *5/11, 50% buds open - very light bloom.*

1927 - *7/16, first bloom - " "*

Remarks:

1928 - 7/26, 20% buds open; 9/11, 90% buds open.

*scions received 2/25/09 - from J. Van Lindley.
Pawnee, N.C.*

Characterization:

Size medium varying from below to good size; roundish to oblate conic, the apex tapering sharply, making a very pointed apple. Somewhat irregular, indistinctly ribbed, some fruits compressed. Cavity medium depth rather narrow; basin rather small, narrow and shallow. Sepals medium long, recurved, size partially open as rule, greenish yellow, though notes 9/29 say sepals converging, eye usually closed or nearly so. Petals 1/4 to 1/2" long, slender, rounded color yellow, petals well overspread with red, varying from light to rather heavy wash, sometimes indicated by considerable buttermilk, overcast and purple streaking, not very attractive. Bots moderately numerous, variable, and apex small, yellowish, fairly conspicuous (over).

over red surface. Flesh yellowish, fine
grain, firm, rather tough, quite juicy,
10/11/26 sharply acid and too immature for
quality rating. 7/9/39 from storage -
looks rich, has considerable tannin
quite astringent - seemingly worthless
for dessert purposes, so far as quality
is concerned. Might be good for cider

Second sheet, Variety

Enlow

Storage notes: 1926 crop. Out of storage 7/25/27. Exam 7/28/27. Fruit firm, kept well. Ground color turning yellowish but still has greenish cast. Astringency sufficient to be objectionable. 1926 crop - stored 10/26. Out 3/8/27. Exam 3/16/27. Fruit in office refrigerator meanwhile. Slight shriveling. Flavor peculiar, not pleasant. 1927 crop - stored 10/7. Out 1/9/28. Exam 3/8/28. Still firm and hard. Too sharply acid to be pleasant. Lacks richness, astringent poor quality. 1928 crop. Stored 10/18. Out 7/4/29. Exam 7/9/29. In excellent condition; too small for ordinary purposes.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

quite astringent.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium (long) short; Very (medium slender) stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium (slender) stout; Drooping.

Twigs: Many (medium) few; Medium (slender) stout; Long (medium) short; (Straight) branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout; (1/2 - 1 - 2) - 3 inch; Mostly (branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium (slender open) dense stocky grower; Top round much broader (narrower) than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

Slender main and secondary limbs and twigs are noticeable; a light as compared with a stocky grower.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ontario*

Pomology No. *24310*

Orchard location: Section *B* Row *12* Tree *2*

Arlington Accession No. *1892*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|--------------------------------------------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102586</i> | : | 1927 - | <i>9/10</i> <i>Probably this was 9/10 of 26.</i> | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | <i>10/1</i> | <i>105445</i> | : | 1929 - | | |
| 1925 - | <i>10/7</i> | <i>107012</i> | : | 1930 - | | |
| 1926 - | <i>9/10</i> | <i>107927</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/29, 25% buds open; 5/3. full bloom.*
1925 - *4/14, 25% " " , mostly on a few limbs;*
1926 - *4/16. slightly past full.*
1927 - —

Remarks: *Scions received in 1902 from N. Y. Expt. Station.*

Characterization: *Size medium to large. fairly uniform. Wagoner ribbing is present. Intermediate characters between parents mentioned by Beach are present. Same fly resemble Wagoner others more like Northern Spy. Ground color yellow with more or less red overspread varying with season. Sometimes indistinct striping; whitish bloom over red gives unattractive grayish cast. Considerable russeting in cavity. Pits scattered, very small, whitish, inconspicuous. Flesh tinged yellow. Fairly fine grain rather crisp, quite juicy, crisp subacid. Not too sharp for persistent eating. lacks richness - just plain sour.*

Handwritten header text, possibly a title or date.

Handwritten text in the upper right corner, possibly a date or location.

| | | | | |
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| Handwritten text | Handwritten text | Handwritten text | Handwritten text | Handwritten text |
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Handwritten text in the lower right section, possibly a signature or note.

Large block of handwritten text in the lower left, possibly a detailed report or list.

Handwritten text at the bottom right, possibly a date or reference.

Second sheet, Variety

Ontario

Storage notes: 1926 Crop. Dates of storage and removal not recorded. In office refrigerator from Jan. 31/27 to Feb. 24/28 when examined. Slight wilting, otherwise in excellent physical condition. High acidity still pronounced - just plain sour.

1/6/28

Vigor of Tree: Exceptionally strong average (weak) Size: Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading). Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium) slender (stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. Small.

Twigs: Many (medium) few; Medium (slender) stout; Long medium (short) Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout; Small, weak, 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg No. 47885

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

limbs are rough and areas look as if superficial infection of same disease. Poor tree with general lack of thrift. May be crown gall.

Page 100
Date: 10/10/10

The first part of the paper discusses the importance of maintaining accurate records of all transactions. It is essential for the company to have a clear and concise system in place to ensure that all data is properly recorded and stored. This will allow for easy access and retrieval of information when needed.

The second part of the paper focuses on the importance of regular communication and collaboration between all team members. It is crucial for everyone to stay informed about the company's goals and objectives, as well as the progress of various projects. Regular meetings and updates will help to ensure that everyone is working towards the same goals and that any issues are identified and resolved quickly.

The third part of the paper discusses the importance of maintaining a high level of security for all company data. It is essential to implement strong security measures to protect sensitive information from unauthorized access or theft. This includes using secure communication channels, encrypting data, and ensuring that all employees are trained in proper security protocols.

The fourth part of the paper focuses on the importance of maintaining a high level of customer satisfaction. It is essential to provide excellent service to all customers, as this will help to build loyalty and ensure repeat business. This includes responding to customer inquiries promptly, addressing any complaints, and providing high-quality products or services.

The fifth part of the paper discusses the importance of maintaining a high level of financial stability. It is essential to manage the company's finances carefully, ensuring that all expenses are properly tracked and that the company remains profitable. This includes creating a budget, monitoring cash flow, and seeking out opportunities for cost savings.

By following these guidelines, the company can ensure that it is operating efficiently and effectively, and that it is able to achieve its long-term goals.

Sincerely,
John Doe

John Doe
CEO

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ortley (Cleopatra)*

Pomology No. 24238

Orchard location: Section *A* Row *9-10* Tree *4*

Arlington Accession No. 1820

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102591</i> | : | 1927 - | <i>10/23</i> | <i>109533</i> |
| 1923 - | <i>9/27</i> | <i>104102</i> | : | 1928 - | | |
| 1924 - | <i>10/8</i> | <i>105676</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *4/29, 50% buds open; 5/3, full bloom*
 1925 - *4/13, 25% " " ; 4/16, still a few buds.*
 1926 - *4/28, 25% " "*
 1927 -

Remarks: *Scions received from N.Y. Expt. Station in 1902 under name Cleopatra according to acc. record for No. 1820. When and by whose authority the orchard record was changed to Ortley is not now (10/29/42) known, although there is little or no doubt that Cleopatra as grown in Australia is Ortley. In 1923 & 1924 the identity of the fruit as Ortley but in 1927 the opinion was recorded that Ortley was correct, giving as reason close similarity with paintings on file naming especially Penn. Nos. 49721, 52673 and 62667.*

Characterization:

1927 Notes.

Fruits vary widely in

form from

slightly elongated to distinctly oblong, slightly conic. Fruit without the wide variations in the same lot of fruit it would be difficult to reconcile some of the forms as Ortley. Ground color 9/30/27 is greenish. Dots numerous, pale yellow, mostly submerged, inconspicuous; a few small brownish dots concentrated in areas about base (over)

somewhat conspicuous because of numbers.
Cavity medium, sometimes lifted, basin
medium; sepals long; eye medium size,
closed.

Apple is good size. smooth, regular as
a rule; lobes sometimes unequal.
Core very large and very open; seeds
dark brown, rather small, quite
obtus.

7ish yellowish but different shades
in different zones; fine grain, fairly
crisp until a little overripe, then very
tender, quite juicy, mild subacid,
pleasant, but becoming a little flat
when overripe. When in prime,
fair to good. Practically in season
now 9/30/27. Some fruits show a
slight grayish overcast about the
cavity.

Storage notes:

15/28

Vigor of Tree: Exceptionally strong average weak. Size:
" *fair* Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Branching:

Smooth - well branched
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout)
1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *Neg. No. 47886*

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

Trunk smooth - a good tree

...the ...
...the ...
...the ...
...the ...

...the ...
...the ...
...the ...
...the ...
...the ...
...the ...
...the ...
...the ...

...the ...

...the ...

...the ...

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Ozone

Pomology No. 24311

Orchard location: Section B Row 11-12 Tree 3

Arlington Accession No. 1893 (see under Remarks)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <u>9/28</u> | <u>102636</u> | : | 1927 - | | |
| 1923 - | <u>9/27</u> | <u>104105</u> | : | 1928 - | | |
| 1924 - | <u>—</u> | <u>—</u> | : | 1929 - | | |
| 1925 - | <u>—</u> | <u>—</u> | : | 1930 - | | |
| 1926 - | <u>9/20</u> | <u>108346</u> | : | 1931 - | | |

Blossom dates: 1924 - 4/29, 20% buds open; 7/3, full bloom.
1925 - 4/4, 25% " " - only few clusters; 4/6, 75% open.
1926 - 4/28, center buds open
1927 -

Remarks: It was consistently noted that the two trees were different with probability that Row 12 was Ozone. Row 11 was not satisfactorily identified. These records are all based on No. 12, those on No. 11 being discarded in the present connection.

Scions from N.Y. Agr. Sta. 1902

Characterization: 1926 Notes. Presumed likely correct identity though core lines and certain other characters do not agree with painting. I agree on file. Below medium in size; roundish-conic. Highly colored specimens, heavily covered with a bright red wash, - fairly heavy pigmentation. A good deal of russeting and many russet lines and blotches over entire surface. May be russeting results from spray injury. However, a rather attractive apple results as the yellow ground color (over)

shows through the russet surface
with a pleasing effect.

7 Ash yellowish, fine grain,
fairly tender, quite juicy,
slightly subacid. rather pleasant
fairly good in quality but too
small to merit much attention

594
Second sheet, Variety *Cyane*

Storage notes:

B : 12 : 3

11/13/28

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall,

*On Negher cover I was noted that this tree (B:12:3)
was small slender, had upright branches and
had many burr knots - lower limbs and
trunk were rough.*

Fruit painted #53921 - 56535 Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*Though it was noted the 2 trees (11+72)
are different it is not clear whether
this was regarded at time tree record
was made. Notes very fragmentary
and unsatisfactory (at best), hence
being regarded here*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Palouse*

Pomology No. *24312*

Orchard location: Section *B* Row *11-12* Tree *4*

Arlington Accession No. *1894*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/11</i> | <i>102247</i> | : | 1927 - | <i>8/17</i> | <i>109352</i> |
| 1923 - | <i>8/23</i> | <i>103847</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>8/21</i> | <i>106662</i> | : | 1930 - | | |
| 1926 - | <i>8/26</i> | <i>107797</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/26, first bloom; 5/1, full bloom*
1925 - *4/14, 75% buds open; 4/16, past full*
1926 - *4/28, 90%* " "
1927 -

Remarks: *Scions from N. Y. Agr. Exp. Station, 1902*
see Apples of N. Y. Vol 2 for description
and history.

Characterization: *Usually medium size, oblong.*
Chin; fairly regular, sometimes indistinct
ribbing. Stem 3/4" to 1", slender, ground color
vatter deep yellow, freely well overcast with
pale red striping, with paler red blending
the stripes. Stems small, variable, inconspicuous.
Flesh distinctly yellowish, fine grain, tender,
quite juicy, sprightly subacid, fairly rich;
probably fair to good in quality. Possibly 10000

at its best it would rate as good.
Flavor slightly characteristic.

In certain respects the appearance
of this apple suggests Mother.

Storage notes:

11/7/28

Vigor of Tree: ^{Very poor} Exceptionally strong average weak. Size:
 Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
 medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading
Central leader: Partially retained disappeared.

Branching: ^{Lower portion, bark badly diseased}
Main limbs: Very medium long short; Very medium slender
 stout; Medium straight crooked.
Secondary limbs: Numerous medium few: Medium slender stout;
 Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy. ^{Inclined to droop.}

Spurs: Very (many) medium few; Very (medium slender stout)
 1/2 - (1 - 2 - 3 inch) (Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47907

Fruit painted

several

Fruit modeled

Fruit described

#573

Disease notes by J. W. Roberts:

Tree Row 11, top 1/2 gone

" " 12, a poor weak, no-
 account tree. Bark rough
 and "cankered"

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Paragon*

Pomology No. 24313

Orchard location: Section *B* Row *11-12* Tree *5*

Arlington Accession No. *1895*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>10/6</i> | <i>109651</i> |
| 1923 - | <i>11/1</i> | <i>104457</i> | : | 1928 - | — | — |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>11/1</i> | <i>108691</i> | : | 1931 - | — | — |

Blossom dates: 1924 - *5/1, 90% buds open; 5/3, full bloom*
 1925 - *4/14, 90% " "*
 1926 - *4/28, 90% " "*
 1927 -

Remarks:

Scions received in 1902 from N.Y. Exp. Sta. (above) These numbers not recorded in Mr. Lubins card list but from No. 24315, Acc. No. 1893 is Paragon - scions from N.Y. Sta. 3/6/02

1926 Notes. Mostly. Considered a pretty good approach to the variety at its best. Good size, roundish conic, quite regular and uniform. Ground color rich yellow, almost

Characterization:

entirely overspread with rather bright dark red, with very indistinct suggestion of striping on the less deeply colored areas. Cavity rather deep, medium width; basin medium depth and width - some specimens rather shallow, slightly ribbed; sepals rather long, eye closed. Considerable russet in cavity; stem about 5/8" to 3/4" long, medium stout. Flesh yellowish, fairly fine grained, firm but fairly tender, quite juicy; mild subacid, not very rich, better developed fruits hardly better than fair in quality (over)

11/16/26 still pretty firm. Surface has developed a good deal of mossy feel.

Spots rather scattered, mostly yellowish submerged, but a few brownish and slightly raised. None are conspicuous. Some specimens show slight leather cracking about basin.

Second sheet, Variety

Paragon. Acc. No. 1895

Storage notes: 1926 Crop.

B: 11-12:5

Out of storage. 3/24/27 Exam. 3/31/37 Has kept
well. except some scald. No decay or shriveling.
Now fairly rich, crisp, tender, juicy, good
to very good; in prime eating condition.

1927 Crop. stored 10/11/27. Out 2/8/28. Exam 2/15/28
In excellent condition except for scald. - no
shriveling. Fine texture but a little grainy.
Lacks richness - below the accepted standard
in quality for the variety (Maybe accepted standard is
too high - anyway -!!)

Vigor of Tree: Exceptionally (strong) average weak. Size: 1
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Branching: *Strong* - well branched - smooth limbs.
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender stout)
(1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; (Top round) much broader narrower than tall.

Illustrations:

Tree photographed

A fine tree.
Neg. No. 47908

Fruit painted

several

Fruit modeled

Fruit described

several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Paragon*

Pomology No.

Orchard location: Section *J*

Row *3-4* Tree *1*

Arlington Accession No. *7203*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>10/10</i> | <i>109653</i> |
| 1923 - | <i>10/12</i> | <i>104269</i> | : | 1928 - | <i>10/23</i> | <i>110720</i> |
| 1924 - | — | — | : | 1929 - | <i>9/30</i> | <i>111268</i> |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>10/20</i> | <i>108693</i> | : | 1931 - | <i>10/5</i> | <i>112307</i> |

Blossom dates: 1924 - *5/3*, full bloom.
 1925 - *4/15*, 90% buds open
 1926 - *5/1*, full bloom, though a few buds still petals dropping.
 1927 - *4/16*, first bloom. bloom very light
 Remarks: 1928 - *4/20* " " ; *4/26*, 30% buds open;
5/1, 80% " "

The acc. no. record is missing, hence no opportunity to check up on the receipt whether as Paragon, Arkansas, or something else. However, I was inclined to accept these apples as Paragon. The 1926 notes refer to acc. No. 1895 with statement that they apply to these specimens except that are not all colored. Acc. No. 1895 was renewed as Paragon. Detailed characterization from storage notes made *4/5/29*. Good size, somewhat flattened slightly concave, same fruits a little compressed. Corolla rather deep, moderate width, somewhat abrupt, stem *3/8"* or less, slender; basin medium depth, rather broad, smooth. (over)

sepals rather long, converging;
eye small to medium, usually closed.
ground color yellow, nearly completely
overspread with dark red, with
very indistinct splashing and clumping
dots moderately numerous, some yellow
and not raised, others brownish and slightly
raised, not conspicuous. Flesh yellow
grain a little coarse, fairly juicy
very mild subacid; good in fruit
probably has lost flavor somewhat
in storage - (though this is uncommon)

Second sheet, Variety

Paragon (A: 3-4: 1)

Storage notes: 1926 Crop. Out of storage 3/24/27
Exam 3/31/27. Kept finely - in good physical
condition, no scale, shriveling or decay,
1928 Crop. stored 10/27 Out 3/19/29, Exam 4/5/29.
Held at room temp for several days after
3/19/29. then in office refrigerator until 4/5/29.
In excellent physical condition - no scale.
Some specimens slightly shriveled but this has
accrued since 3/19/29. after coming from storage.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *osity of 11/13/28*

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout); Medium (straight) crooked.

Secondary limbs: (Numerous) medium few; (Medium) slender stout;
(slightly Drooping).

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
(Rather dense); Willowy.

Spurs: Very many (medium) few; Very (medium slender stout)
(1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender - open dense stocky
grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*Slight droop of secondary limbs
and stocky main limbs are
characteristic.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Park* (Received as *Parks Keeper*)
(see statement reversed side sheet as to similarity with *Fink*, *Schunis*, *Favorite* and *Nero*)
Pomology No. see note below.
Orchard location: Section *E* Row *9-10* Tree *3*

Arlington Accession No. *4206*
Apparently no Sam. Jour. entry for this though 4 other varieties are recorded. Jour. Nos. 28488 to 28491 (inc), and respectively acc. nos. 4200, 4202, 4205 + 4206.

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/13</i> | <i>102842</i> | : | 1927 - | <i>9/28</i> | <i>109606</i> |
| 1923 - | <i>10/26</i> | <i>104297</i> | : | 1928 - | | |
| 1924 - | <i>11/4</i> | <i>105976</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>10/13</i> | <i>108304</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/28*, 20% buds open; *5/2*, full bloom
1925 - *4/14*, full bloom
1926 - *4/30*, " " though still few buds
1927 - *4/12*, 20% buds open - light bloom.

Remarks:

Received as *Parks Keeper* (Seaus) *2/14/03*,
from *Kansas State College, Manhattan*

In 1922 it was noted: "Probably OK though does not fully agree with description". This was confirmed in 1923. In 1924 specimens sent from Arlington as *Fink* - but this was due to a mistake in tree location. Specimens

Characterization: were doubtless from *E:9-10:3*. However, it became my conviction that this variety, as well as *Fink* were in fact *Nero*. Characterization as *Nero* indicated well developed specimens - size medium to good, roundish conic to slightly oblate, pretty well covered with a heavy wash of bright red; very indistinct striping in some fruits; dots fairly numerous, rather large, some areolar; some slightly raised, yellowish and brownish, rather conspicuous. Flesh distinctly yellowish, somewhat satiny, grain a little coarse, fairly juicy, mild subacid, pleasant, but not high quality.
(over)

Too immature (11/21/26) for full
maturity notes.

11/1/26 I stated conviction that this
apple is identical with Hero.

10/8/27, I stated with respect to it:
"appears to be identical with
Illinois Favorite (7:4:5) and
I believe they are both Hero.

Thus I was convinced that
Zink, Illinois Favorite, and
Park (Park Keeper) were all
identical with Hero. Ultimate
confirmation, however, is lacking.
It does not follow that the above
named varieties are in fact identical
and all Hero, even though the lots
grown at Arlington under these
names may have all been that
variety.

Storage notes:

1/26/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching: well branched

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight (crooked) (smooth)

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; (Long) medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47895

Fruit painted #28655 - Park - Fruit modeled

Fruit described Several - "

doubtful if this variety
" " " "

Disease notes by J. W. Roberts:

A fine strong tree, characterized
crooked, strong, vigorous main
limbs, with many small twigs
towards the ends of the limbs.

VARIETY APPLE ORCHARD

Arlington Farm

Variety: *Parker Seedless* ~~III~~ (see over)

Pomology No. *35484*

Orchard location: Section *J* Row *14* Tree *3*

Arlington Accession No. *5244* (Mr. Irwins card list is *4244*) but
Pom. No. is same

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | <i>9/24</i> | <i>108347</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/6*, 25% buds open - very light bloom
1925 - *4/15*, terminal leaf buds still dormant;
1926 - *4/30*, fruit buds separating in cluster ^{*4/30*, same}
1927 - *5/2*, few buds opening, practically first bloom

Remarks: Scions from Geo. Peters Co. Fairmont Nurseries, Troy, Ohio *12/21/05*
Only the one picking record on file -
probably because it was such a poor non-
descript thing and not seedless. Tree Row 13
was so poor it was ignored though still standing.
It seems probable that this fruit was from
a tree that grew from the root stock.

Characterization:

A small nondescript thing, sweet in flavor,
and about as far from being seedless as
an apple could well be, a nearly full complement
of 10 being in every apple. While flavor is
fairly pleasant it is too small and
unattractive in appearance to merit attention.
Seems probable that this fruit was not Parker Seedless

Parker Seedless -
Seeds received 12/21/05 from
Geo. Peters & Co. (Farmington Nurseries)
Troy, Ohio.

Second sheet, Variety

Parker Seedless

604

Storage notes:

11/2/28

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small. Color: Light dark normal 50% off.

Habit of Growth: Very upright roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. Mostly straight, slender and twiggy along limbs.

Twigs: Many medium few; Medium slender stout; Long medium short straight branched twiggy; Medium open dense; Willowy,

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted none

Fruit modeled

Fruit described none

Disease notes by J. W. Roberts:

Tree Row 13 distinctly weak and unhealthy
Notes apparently on Tree Row 14,
Bark looks dark and unhealthy,
though no particular disease is
apparent.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Perry White*

Pomology No. *40555*

Orchard location: Section *A* Row *4* Tree *2*

Arlington Accession No. *6374*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/3</i> | <i>102233</i> | : | 1927 - | — | — |
| 1923 - | <i>8/16</i> | <i>103415</i> | : | 1928 - | <i>8/14</i> | <i>110264</i> |
| 1924 - | <i>8/18</i> | <i>105099</i> | : | 1929 - | — | — |
| 1925 - | <i>7/29</i> | <i>106520</i> | : | 1930 - | — | — |
| 1926 - | <i>8/27</i> | <i>107876</i> | : | 1931 - | — | — |

Blossom dates: 1924 - *5/2*, 90% buds open; *5/6*, little past full - *light bloom*.
 1925 - *4/15*, 25% " " ; *4/20*, full bloom.
 1926 - *4/30*, 50% " " *light bloom*.
 1927 - *4/26*, first bloom; *5/1*, 50% buds open.

Remarks:

Scions received 3/13/08 from private collection of W. H. Drinn, Arlington.

Characterization: 1926 notes mostly. Medium size, roundish, slightly conic; a slight tendency to robbing; self-colored, surface shading from white to yellow with no suggestion of red, sometimes slight buttermilk over spread. dots few, minute, yellowish and many white, exceeding 6 minute, almost invisible. Cavity - sometimes russeted but not always, flesh tinged yellow, fairly fine grain, very tender, fairly juicy, mild subacid, rather delicate, fairly good! a little past prime 9/4/26. At its best, fairly attractive and pleasant for eating fresh.

Second sheet, Variety

Perry White

606

Storage notes:

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Mostly from central axis
Main limbs: Very medium long short; Very (medium slender
stout) Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Considerable terminal bearing
General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

One of few trees that retains a central axis to a
Illustrations:

Tree photographed *considerable degree*
Neg. No. 49651

Fruit painted #103415

Fruit modeled

Fruit described #5228

Disease notes by J. W. Roberts:

1. The first part of the report deals with the general situation of the country and the progress of the work.

2. The second part of the report deals with the results of the work and the progress of the work.

3. The third part of the report deals with the results of the work and the progress of the work.

4. The fourth part of the report deals with the results of the work and the progress of the work.

5. The fifth part of the report deals with the results of the work and the progress of the work.

6. The sixth part of the report deals with the results of the work and the progress of the work.

7. The seventh part of the report deals with the results of the work and the progress of the work.

8. The eighth part of the report deals with the results of the work and the progress of the work.

9. The ninth part of the report deals with the results of the work and the progress of the work.

10. The tenth part of the report deals with the results of the work and the progress of the work.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Passe Reine* (see under Remarks)

Pomology No. 46403

Orchard location: Section *f*

Row 13

Tree 5

Arlington Accession No. 8186

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 7/3* | 101623 | : | 1927 - | — | — |
| 1923 - | | | : | 1928 - | 8/9 | 110265 |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | 8/16 | 107770 | : | 1931 - | | |

Blossom dates: 1924 - 5/2, past full.
 * Day of month not given and Pom. Nos in 101000 series were likely (probably) in 1921.
 1925 - 4/15, no bloom - nearly in full leaf.
 1926 - 5/3, past full - petals nearly all off.
 1927 - 4/18, first bloom; 4/26, 35% buds open.
 1928 - 5/2, petals mostly off.

Remarks:

Seeds received 3/10/1910 from Va. Expt. Station
 Tree Rows 13+14 are different. Fruit of No. 14 is small, poor, nondescript thing, nearly sweet, and apparently of no account. Seems likely a sprout from the root stock. Ignored so far as these records are concerned.

Characterization:

Size - from about that of Transcendent crab to nearly 2 inches in diameter; distinctly ribbed and irregular in form; color whitish or greenish white; cavity deep, abrupt; stem 3/4 inch, rather slender; basin broad, medium depth; sepals small; eye closed; numerous raised brownish conspicuous dots. Flesh yellowish, very fine grain, juicy, sharply acid, somewhat astringent; similar but as pronounced to taste as same crabs.

Second sheet, Variety

Passe Reine
J: 13-14: 5

Storage notes:

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

~~Disease notes by J. W. Roberts:~~

*Tree Row-13 noted as a small, poor, "no good" tree.
Fairly full tree notes made, but they apparently
related specifically to Tree Row-14, the fruit of
which was discarded as stated on sheet 1.
Tree Row-14 was apparently a good, symmetrical
better than average tree. (But of no account
because of worthless fruit.)*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Patten Greening*

Pomology No. *24314*

Orchard location: Section *B* Row *13-14* Tree *1*

Arlington Accession No. *1896*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/19</i> | <i>102302</i> | : | 1927 - | | |
| 1923 - | <i>9/27*</i> | <i>104120</i> | : | 1928 - | | |
| 1924 - | <i>9/24</i> | <i>105425</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>8/26</i> | <i>107877</i> | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks:

Scions from New York exp station 1902.

**It would seem that there was some mistake in labeling the specimens from Arlington in 1923. They were referred to as "a yellow apple with prominent raised dots, - not Patten. Identity was OK'd in other years.*

Characterization:

1926 notes. Medium size, oblate, smooth, regular, uniform. Ground color greenish yellow with a rather heavy whitish bloom; some specimens have a coppery, bronze effect. Dots variable, some mottled, white, some areas numerous but almost invisible. Flesh white, rather coarse grain, fairly firm, juicy, sprightly subacid, with no very distinctive flavor.

History of the ...

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Second sheet, Variety

Patten Greening

413

Storage notes:

1/6/28

Vigor of Tree: Exceptionally strong average weak. Size:
" *fair* . Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (*slightly* spreading)
Central leader: Partially retained disappeared.

Branching: *well branched*
Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *Smooth*
Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Spurs are a conspicuous aspect.
Illustrations:

Tree photographed *Neg. no. 47886*

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Pauline a Hunt

(probably should be
Maulin-a-vent)

Pomology No.

46401

Orchard location: Section

Row

13

Tree

3

Arlington Accession No.

8754

See also acc. No. 10558;

R: 21-22, 3. Maulin-a-vent. May be identical.

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | 8/22 | 110318 |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -

5/6, full bloom -- but very light -- also very late as
see over 1925 - 4/15, first bloom; 7/30, 50% buds open are most
1926 - 5/3, 90% buds open. other French
1927 - 5/2, 25% " " - all on 2nd stems. 5/5, full bloom. crabs

Remarks:

In one of the orchard books Dr. Caldwell indicated that Pauline-a Hunt is same as Maulin-a-vent. Records of #8754 are too limited to be of much value, and of other variety, they are not much better.

Characterizations:

about 2 1/2" - diameter (or less), mostly slightly oblate. Ground color yellowish with much bluish white over spread. Dots whitish, minute, submerged, brownish, irregular, raised, inconspicuous. Flesh tinged yellow, rather coarse grain, rather dry, very mild subacid - almost sweet. Flat, little or no astringency. Lessening worthless. Same from work of acc. No. 10558. Flavor, astringency, etc. (over)

might have differed from those stated
in other years.

Pam. No. 46401 records receipt 3/10/10
 skins of Maremma a-rent (?) from
 V. E. pt. to chain.

Storage notes:

11/14/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *Mostly 77-*

Habit of Growth: Very upright (roundish broad—flat spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) ~~crooked~~, but a characteristic *curve*.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top round much (broader ~~narrower~~ than tall).

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Spreading limbs and characteristic
curving / main limbs are somewhat
striking.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Paw Paw ?? Rubican ?? See under Remarks

Pomology No. 24469

Orchard location: Section 6 Row 13-14 Tree 1

Arlington Accession No. 3017

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 8/29 | 102481 | : | 1927 - | | |
| 1923 - | 9/28 | 104146 | : | 1928 - | | |
| 1924 - | 9/24 | 105428 | : | 1929 - | | |
| 1925 - | 10/1 | 106946 | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - 5/1, 90% buds open
1925 - 4/14, 50% " ; 4/18, little past full
1926 -

Remarks: Scions received 4/5/02 from Benj. Buckman, farming date, Ill as Rubican which is a synonym of Paw Paw according to Apples of N.Y. B.S.P. Bul. gives both names as accredited names and in each case says one variety may be the other but without indicating which one has preference. When or by whom orchard record was changed from Rubican, as received, to Paw Paw is not a matter of record. However, it is

Characterization: doubtful whether the Arlington trees were correctly identified. In 3 of the 4 years discrepancies between description and painting on file and specimens were mentioned. Besides, in Apples of N.Y. Paw Paw is described as large, good to very good; season Dec. to June.
Characterization of Arlington specimens; 1924+1925 notes. Below medium size, slightly oblate conic, regular. Ground color yellow, nearly entirely covered with mixed red and narrow stripes which nearly blend together (over)

Cavity - more or less rusted -
Flesh slightly tinged yellow, fairly fine
grain, tender, rather dry, moderately
subacid, rather flat, no distinctive
flavor, no apparent merit - which
does not sound like Paw-paw as
described in Apples of N.Y.

No 2d sheet.

2/27/21 Tree mostly, medium
size, spreading, upright,
bark smooth

Reg. No. 44679

Painting: #32370 (Paw-paw)
Description: 32370 "

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Peasgood (Peasgood Monsieur)

Pomology No. 40818

Orchard location: Section

I

Row

1

Tree

3

Arlington Accession No.

6593

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 8/14 | 102275 | : | 1927 - | 8/22 | 109353 |
| 1923 - | 8/23 | 103843 | : | 1928 - | 8/22 | 110323 |
| 1924 - | 9/7 | 105263 | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | 8/27 | 107798 | : | 1931 - | | |

Blossom dates: 1924 - 5/3, first bloom; 5/6, slightly past full.
 1925 - 4/15, 50% buds open; 4/20, " " " but still few buds.
 1926 - 4/30, 75% " "
 1927 - 4/16, first bloom.
 Remarks: 1928 - 4/26, 15% buds open; 5/1, 75% buds open.

Scions received 4/8/08 from H. C. B. Colvill,
Mussula, Mont.

Characterization: Very large, smooth, regular,
 cavity rather deep, abrupt, stem 3/4", moderately
 stout; basin broad, deep, abrupt; sepals
 rather large, reflex; eye very large, open;
 ground color pale yellow, more or less
 covered with bright red stripes and splashes,
 more highly colored specimens being nearly
 solid red; a heavy whitish bloom. Dots variable,
 mostly minute, and inconspicuous, but some
 (over)

rather large, brownish. Flesh tinged
yellow, fine grain, tender, fairly crisp,
moderately juicy, mild subacid, fairly
rich, good to very good.

9/2/27 Some specimens have
developed quite a lot of same fruit
spot disease; brownish pitting
is quite pronounced in some
cases. May be incipient brown
rot. Not mentioned in any other
year.

Second sheet, Variety

Peasgood

615

Storage notes:

11/6/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

mostly off

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; Mostly (branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender 'open dense stocky
grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *#38509-44307*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Peck*

Pomology No. *24557*

Orchard location: Section *D* Row *13-14* Tree *1*

Arlington Accession No. *3098*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/19</i> | <i>102795</i> | : | 1927 - | | |
| 1923 - | <i>10/20</i> | <i>104278</i> | : | 1928 - | | |
| 1924 - | <i>10/11</i> | <i>105607</i> | : | 1929 - | | |
| 1925 - | <i>10/7</i> | <i>107013</i> | : | 1930 - | | |
| 1926 - | <i>—</i> | <i>—</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/11, first bloom - very light*
1925 - *4/14, 20% buds open; 4/18, 20% buds open.*
1926 -
1927 -

Remarks: *Scions from E. Benck*
Arms. Maine 4/5/02

Characterizations: *1925 notes. Size medium, slightly oblate; skin colored - greenish yellow. Buds rather numerous, mostly submerged, light colored, inconspicuous, some brown. Small, areolar. A dull coppery, reddish bluish on most fruits. Flesh yellowish, fine grain, tender, mild subacid, pleasant and agreeable if not overripe. Flavor rather delicate. If overripe, flat and flavorless. (over) (No 2d sheet)*

3/11/26

Tree medium rather
low, roundish spreading,
bark smooth, healthy.
Branching normal - a
good tree.

Reg. No. 44742

Paintings: several
Transcription: several

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Peron*

Pomology No. *26033*

Orchard location: Section *E* Row *1-2* Tree *1*

Arlington Accession No. *3609*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/19</i> | <i>102289</i> | : | 1927 - | | |
| 1923 - | <i>8/23</i> | <i>103859</i> | : | 1928 - | | |
| 1924 - | <i>9/5</i> | <i>105181</i> | : | 1929 - | | |
| 1925 - | <i>9/1</i> | <i>106692</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *4/28, first bloom; 5/1, 50% buds open.*
1925 - *7/14, 20% buds open; 7/18, full bloom.*
1926 -
1927 -

Remarks: *Scions from Texas 9/9/02. Variety -*
widely comes from Mexico. Scions
sent by Gilbert Anderson, Nursery, Texas. He
obtained scions (probably budwood) from a tree at Saltillo
Mexico, from which he sent fruit received 9/5/02 (Pom Jour
No. 26011). See also Jour No. 16944, also Peron apples

57 containing
this entry is
missing 9/5/43
1943

Characterization: *Notes 9/5/25 - Apparently excellent*
specimens of the variety - compared with other
years. Medium size - nearly round to oblong-
conic. Ground color yellow with a large
area of heavy russet about the cavity. A
few brownish dots, and some overstriking of
light buttermilk. The fruit is an apple of
rather peculiar appearance. Flesh tinged
with yellow, grain a little coarse, fairly tender,
(over)

lacking in juice, very mild subacid
with a very mild rather characteristic
flavor. While not unpleasant, there
isn't very much to it. Possibly
in the South it might be of value
- considering - its source in
Mexico.

(no 2d sheet)

3/1/26, Tree below medium,
upright, not much
spreading. secondary
branches normal, many
spurs - tree healthy.

Paintings: several
Description: several

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Persian*

Pomology No. 24632

Orchard location: Section *D* Row 19-20 Tree 3

Arlington Accession No. 3212

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 8/11 | 102251 | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | 8/29 | 105178 | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - notes indicate these 2 trees
1924 & 1925 - were different. which of them,
Blossoming dates very late. 1926 - was Persian is uncertain.
1927 - Scions received 4/24/02 through

Remarks: David Fairchild. came from Arabia*.
Brief note indicates Tree Row 20 was lighter colored
than the other, different shaped cone - rather
small, sweet, flat - no account
note on D:20:3 card for 1924 says: "This is
a very small yellowish apple, which
according to Fairchild's Inventory Record

Characterization: This is under conditions
favorable for apples. Very mild in flavor,
practically neutral, rather flat; of no
value under these conditions.

(No 2d sheet)

(over)
* Basrah, Arabia

3/4/26 Trees different.

0:19:3

Below medium, upright
rounded, spreading;
long main branches;
secondary branches
and twigs slender;
few spurs - a good
healthy tree.

0:20:3

Broad spreading,
similar to Burbank
plum tree. Small
dwarfish, open center.
Branches, twigs & spurs
normal -

which is Persian - if
other, is a question.

Painting: 19541. Swam as Persian
(Sany Sinap). Likely a
Persian apple name if a tree
is Sany Sinap.

transcription: # 19541

VARIETY APPLE ORCHARD
Arlington Farm

Variety *Peter - probably (see Remarks)*

Pomology No. *24568*

Orchard location: Section *D* Row *15* Tree *4*

Arlington Accession No. *3106*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/11</i> | <i>102248</i> | : | 1927 - | | |
| 1923 - | <i>8/23</i> | <i>103846</i> | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105177</i> | : | 1929 - | | |
| 1925 - | <i>8/17</i> | <i>106597</i> | : | 1930 - | | |
| 1926 - | <i>8/21</i> | <i>106637</i> | : | 1931 | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *Scions were received 4/7/24 from Prof. L. R. Taft, Mich. Agr. Coll. East Lansing, under name Peter. Orchard records appear to have all been under the*

Characterization: *name Wealthy - which the variety may have been! though there is no apparent reason for thinking that Peter, recognized as being very like Wealthy to say the least, was not correct - assuming that there is a difference between the 2 varieties, which there may, or may not be. Notes on the fruit too meagre to be of any value. (no 2nd sent) (over)*

Paintings: Several
Descriptions: Several

| Item | Quantity | Unit | Value |
|--------------|----------|------|--------|
| Paintings | 10 | Each | 100.00 |
| Descriptions | 5 | Each | 50.00 |
| | | | |
| | | | |
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| | | | |
| | | | |

Paintings: Several
Descriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Petite d'Anjou Rousse (French Crab)*
Pomology No. 46404 (four entries for *Petite d'Anjou Rousse* and *Rousse*)
Orchard location: Section *f* Row 15-16 Tree 1
Arlington Accession No. 8787

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | | | 1927 - | 10/4 | 109607 |
| 1923 - | | | 1928 - | 9/28 | 110595 |
| 1924 - | | | 1929 - | 10/16 | 111253 |
| 1925 - | | | 1930 - | | |
| 1926 - | 10/1 | 108350 | 1931 - | | |

Blossom dates: 1924 - no bloom
1925 - 4/15, 25% buds open; 4/20, part full but still few buds.
1926 - 5/1, just a few clusters in bloom.
1927 - 5/2, 75% buds open on north side tree (16:1)
Remarks: In the pink stage the buds are very red.
Scions received 3/25/1910 from Dr. E. H. Loomis

Characterization: Small - a few reaching medium size, roundish conic, though considerable variation (1926) 1928 - all about 2 1/2" in diameter, but sometimes gives fruit of small volume. Core medium, stem about 1/4"; basin medium; sepals fairly large, converging; eye closed. Ground color yellow more or less overcast with red - bright or dull depending on conditions; some striping on less well colored fruits or parts; considerable russeting, mostly as blotches making an unattractive fruit, sometimes coarse leathery cracking? flesh yellowish, very fine grain; 5/26 fairly juicy, tough to the point of being rubbery, nearly sweet and one of the moststringent things I ever tasted not excepting a green specimen; nearly sweet. But from storage 12/7/28 (over)

It was rather spongy, rather lacking in
juice, nearly neutral in flavor, and
strangely too great for an apple but
not more than might be expected in
a crab; - that is, apparently somewhat
reduced from the report of 10/26.

Second sheet, Variety

Petite Douce Pousse 621

Storage notes: Crop 1928 stored $1\frac{1}{2}$; out $1\frac{3}{4}$ and
again same date ($12/7/28$) 2 specimens
rotted - all fruits same but shriveled;
otherwise in fairly good condition.
Apparently less abundant than earlier.
Probably past prime storage condition
(durability)

11/13/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared) Mostly off

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
($1\frac{1}{2}$ - 1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #110595-111255 Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

#15 much larger than #16. latter may
have poor root system.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Pewaukee

Pomology No. 24491

Orchard location: Section

C

Row

11-12

Tree

2

Arlington Accession No.

3013

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/23 | 102572 | : | 1927 - | | |
| 1923 - | 9/16 | 104042 | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | 10/1 | 106947 | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

Scions received 4/5/02 from
M. J. Wragg, Waukegan, Ia.

Characterization:

Only comment was 10/12/25 -
which was "Characteristic in very
way except they are possibly a little
undersize. A heavy purplish bloom."

Paintings: several
Descriptions: several

(No 2 & sheet)

[illegible]

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Pilot*
Pomology No. *24484*
Orchard location: Section *C* Row *15-16* Tree *5*
Arlington Accession No. *3028*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/26</i> | <i>102876</i> | : | 1927 - | <i>9/26</i> | <i>109534</i> |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *No bloom*
1925 - *4/13, first bloom; 4/18, 90% buds open.*
1926 - *4/29, center buds open.*
1927 -

Remarks: *Scion renewed 4/5/02 from Prof. Wm B. Alwood, Blacksburg, Va.*

Characterization: *1927 notes. Good size, roundish, fairly smooth and regular; some specimens a little oblate. Cavity rather shallow, rather narrow; stem characteristically short, about 1/4" with a large fleshy development on the side, the stem frequently being entirely included in the fleshy development. Basin variable from very large, deep, abrupt with very large open eye to medium size and depth with eye nearly closed. (This wide variation in size and shape of basin and in the character of the eye should be carefully noted, when the eye is partially closed, it is medium in size. Sometimes the broad rather deep basin contains a medium sized form.)*

closed eye. Ground color now (9/29/27) is
greenish yellow, overspread with a thin
wash of red with rather indistinct
striping; partly well covered with grayish
overcast. The thin red color with gray
overcast makes a rather faded and
pale red color — but some seasons
and places it is much better color
than the fruits here described.

Spots numerous, variable; some
are very minute, submerged, linear
narrow; others small, yellowish; still at
brownish, areolar, and conspicuous
7ish tinged yellow, fine grains, fine
juicy, mild subacid, rather
rich even in its present very
immature condition; partly good

Second sheet, Variety

Pilot

624

Storage notes: Crop 1927. In office
date of storage not recorded. In office
refrigerator since some time in Dec.
When taken from storage it was too
hard for quality notes. Now (1/19/28) it
is past storage (refrigerator) durability. Tender
tending to juice, mild. 1/7/28 Messiness, lacking in
subacid, rather flat. at its best it would probably
have been good!

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small. to very good.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially (retained) disappeared.

Branching:

Main limbs: Very medium (long) short; Very medium (slender) stout; Medium straight crooked. at least a common

Secondary limbs: Numerous medium few: Medium slender stout; Drooping. plant on trunk.

Twigs: Many medium few; Medium (slender) stout; (Long) medium short; Straight branched, twiggy; Medium open dense; Willowy. extending nearly parallel with the limbs.

Spurs: Very many (medium few) Very (medium slender stout); (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched).
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. 710. 47939

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts: #15 - a much better tree than #16. Same burr knots. A rather characteristic tree with large round top, slender tapering main limbs and long slender twig growth. A fine healthy tree!

VARIETY APPLE ORCHARD
Arlington Farm

See Smith
Carrington (incorrect)
#120:3.
acc. no. 6423.

Variety: *Pinnacle*

Pomology No. 24510

Orchard location: Section *D*

Row

1-2

Tree

2

Arlington Accession No. *3057*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/30</i> | <i>102748</i> | : | 1927 - | | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>10/7</i> | <i>107014</i> | : | 1930 - | | |
| 1926 - | <i>10/20</i> | <i>108694</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/26, first bloom; 5/1, full bloom.*
1925 - *4/14, 80% buds open; 4/18, little past full*
1926 - *4/30, full bloom.*
1927 -

Remarks: *Scions received 7/5/02 from A.T. Morgan, Otter Creek, N.C.*

Characterizations: *Size medium to good, regular, surface smooth except for 1 or 2 longitudinal striations on some fruits similar to that on Talisman. Roundish to somewhat oblate, cavity medium; basin rather shallow, rather broad. Ground color medium yellow, overrefined with a solid wash of bright dark red in lightly colored fruits - a little striping on less well colored fruits. Surface has an exceptionally gray feel. Scales variable, numerous, some yellowish, submerged; some brown, slightly raised, small, but rather conspicuous on red surface; in 1925 fruit a lot of bullerian overrefined, and leather cracking (over)*

— 1926, not much of either. Flesh tinged
yellow, fine grain, fairly juicy, fairly firm
breaking. Juice normal, mild subacid
with suggestion of astringency, sometimes
might be quite pleasing. If it did
not look rich in so large a degree
only fair in quality.
See storage notes for later
quality reading.

Second sheet, Variety *Pinnacle*

Storage notes: *Crop 1926. Out of storage 3/15/27; Yam. 3/24/27 office refrigerator meanwhile.*

Fruit kept in good condition so far as physical condition of fruit is concerned.

Keeping quality, which is virtually good, is its chief point of merit. Lacks richness, flavor is flat and rather poor.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat, spreading (somewhat) Central leader: (Partially retained, disappeared) comparatively low, broad top.

Branching:

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many (medium) few; (Medium slender stout) Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout) 1/2 - (1 - 2) - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

A good stocky healthy tree. Notes apply to D:2:2.

Illustrations:

Tree photographed *Neg. No. 47974*

Fruit painted *Several*

Fruit modeled

Fruit described *#21004-37037*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Pioneer, Shannon (which? or 1 tree
7 each?)*
Pomology No. *40484*
Orchard location: Section *B* Row *9-10* Tree *2*
Arlington Accession No. *6320*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/8</i> | <i>109386</i> |
| 1923 - | <i>9/19</i> | <i>104087</i> | : | 1928 - | <i>8/22</i> | <i>110348</i> |
| 1924 - | <i>9/13</i> | <i>105392</i> | : | 1929 - | | |
| 1925 - | <i>9/5</i> | <i>106745</i> | : | 1930 - | | |
| 1926 - | <i>9/7</i> | <i>107932</i> | : | 1931 - | | |

Blossom dates: 1924 - *5:7:2* *4/30, 50% buds open*
Scions from
W. N. Drwin's 1925 - *5:10:2* *4/30, part full bloom.*
private collection
at Arlington 1926 - *5:9:2* *4/20, first bloom; 4/25, 50% buds open;*
under name 1927 - *5:10:2* *4/30, " ; 4/25, 40% buds open;*
Pioneer 1927 - *5:10:2* *4/30, " ; 4/25, 40% buds open;*
7/1, part full bloom.

Remarks:

Acc. No. 6320 is recorded as
Pioneer. Look up Pom. No. for source. Scions
received 3/10/08. The orchard records indicate
the trees are different, #9 supposedly being
Pioneer and #10, *Shannon*. By whom or when
the latter determination was made is not shown.

Characterization:

The fruit from the 2 trees was never
properly segregated, or related to the tree from
which it was picked to permit of an effective
checking up of the identifications. The fruit
notes are therefore too badly confused to be of
any particular value but are here given
as a matter of record (more of interest value -
10000)

Apparently in different year fruit was sent
from Lexington from each of these 2
trees - usually under the name Sherman - but
without designating which tree produced
particular lot of fruit. In each year the
location S: 4-10! 2 was given.

9/15/24. 12 large, round apples with numerous
irregular brown dots, fair size
but somewhat ribbed. Slightly oblate.
Good grain and texture, moderately juicy,
subacid, good to very good. In some
respects at least this suggests Sherman

9/15/25. Of this pair of trees #9 is labeled Pioneer
#10, Sherman. Though this lot of
was supposed to have come from

the specimens agree with painting of Pioneer
It surely cannot be Sherman (as it was
believed at the time). Fruit is medium size
to above; oblate, regular. Color greenish
yellow conspicuous irregular dots, some
of which attain status of minute crack
and very small rust areas. Flesh is yellow
stringy, fine grain, tender, fairly juicy,
subacid, fairly rich, with a character
flavor that might be objectionable to

9/15/26 Notes give some details not in previous
notes but add nothing to help in id-
entification. Form oblate, fair size
Basin moderate depth, very broad
sepals rather large, reflexed; eye or
open. Pretty good quality when full
10-2-26. A slight suggestion of
stripings was mentioned in this pair
of the fruit.

9/12/27 a few notes that add nothing
of value.

9/7/28. Other brief and unimportant
observations

Second sheet, Variety

Pioneer ??

628

Storage notes:

(S! 9-10:2)

See statements on previous page
re uniqueness of these 2 trees. In the
notes on the trees, apparently no
distinction was made. Habits of growth
etc were presumably not sufficiently
characteristic to attract attention at time
notes were made to distinguish one from the
other. Record sheet was headed "Pioneer".

Vigor of Tree: Exceptionally strong average (weak). Size:
Exceptionally large average (small)

Foliage: Very (abundant normal) scanty. Leaves: Very large
(medium) small; Color: (Light) dark, normal.

Leaf hoppers - effects bad.

9/11/28

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially (retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Small - poor condition

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. 1928 growth, 6"-12".

Spurs: Very many medium (few) Very medium slender stout;
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Many long slender switch-like growths - not water
Illustrations: sprouts but slender branches from secondary
Tree photographed

Fruit painted #33915-105392 Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

1874. Jan. 1. The first of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 2. The second of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 3. The third of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 4. The fourth of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 5. The fifth of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 6. The sixth of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 7. The seventh of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 8. The eighth of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 9. The ninth of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

1874. Jan. 10. The tenth of the year. The weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Piper

Pomology No.

28377

Orchard location: Section

E

Row

19-20

Tree

3

Arlington Accession No.

4306

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/19</i> | <i>102800</i> | : | 1927 - | | |
| 1923 - | <i>10/20</i> | <i>104295</i> | : | 1928 - | | |
| 1924 - | <i>11/4</i> | <i>105981</i> | : | 1929 - | | |
| 1925 - | <i>—</i> | <i>—</i> | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108695</i> | : | 1931 - | | |

Blossom dates: 1924 -

4/28, first bloom; 7/6, petals mostly off.

1925 -

4/14, 50% buds open; 7/20, past full but still a few buds.

1926 -

4/30, 75% " "

1927 -

Remarks:

Scions received 3/4/03 from Benj. Buckman, Farmington, Ill. 11/8/24 on fruit card reference was made to a comment from Mr. Buckman, regarding this variety, having been called Piper at the Ill. Expt. Station, but he considered this a misnomer and added: "I have not yet found the proper name."

Characterization:

Size medium, 2 5/8" in diameter; somewhat oblate, smooth, regular, uniform. Cavity rather shallow, broad; basin shallow, broad; eye partially open. Ground color yellow, well covered with a dull red wash and heavier red stripes giving effect of a dull but highly colored striped apple, with heavy bloom. Bots numerous about apex, scattered on cheeks, small, yellowish, submerged, inconspicuous. Flesh yellowish, fine grain, firm.

cracking, moderately juicy; mild subacid
or nearly neutral. 11/8/24 Entirely too immature
for flavor rating. 11/16/26. Not much flavor
still immature. 11/16/27. Looks rich
and at present not better than good -
probably below good.

Has a number of characteristics
suggestive of *Piper* as described
in Apples of N. Y.

Second sheet, Variety

Piper (8:19-20:3)

Storage notes:

1926 Crop. Out of storage 7/11/27.

Exam. 4/16/28. Kept remarkably well so far as physical condition is concerned. Fruit still very hard and solid and appears as if would keep almost indefinitely. But it seemed on testing to be more (much) eating ripe than its firm exterior at first suggested.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

1/27/28

Habit of Growth: Very (upright) roundish broad flat (spreading); Central leader: Partially retained disappeared.

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium few); Very medium slender (stout); 1/2 - (1 - 2 - 3 inch); (Mostly branched unbranched); Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 49005

Fruit painted

#105981

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Pipers Best*

Pomology No. 40556

Orchard location: Section *H* Row *3-4* Tree *3*

Arlington Accession No. *6375-*

known from private collection of W. H. Durin, Arlington 7/13/08

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 7/10 | 101552 | : | 1927 - | — | — |
| 1923 - | 7/10 | 103363 | : | 1928 - | 7/24 | 110185 |
| 1924 - | 7/23 | 105035 | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | 7/10 | 111553 |
| 1926 - | 7/20 | 107608 | : | 1931 - | 6/29 | 112258 |

Blossom dates: 1924 - *4/30, full bloom (estimated)*
1925 - *4/15, " 2-3 clusters only*
1926 - *4/30, past full bloom.*
1927 - *4/19, first bloom; 4/26, full bloom, but still few buds as late as 5/1.*

Remarks: *In 1926 resemblance of fruit to painting of Summer Rose. Was noted, but in 1928 definite doubt was expressed as to its being that variety. 7/26/28 it was past season, and 7/19/30 specimens were completely broken down from over maturity.*

Characterization: *Mostly 1926 notes.*
Size small, mostly 1 1/2" - 2" in diameter; roundish, slightly conical, very smooth and regular; ground color yellow, very faintly striped and splashed with bright red, better colored fruits being practically covered with red stripes. Stems very minute and inconspicuous. Flesh lightly tinged yellow, tender, fairly juicy, subacid, pleasant, fairly good. A nice little eating apple and attractive in appearance but too small. (over)

very short season of disturbance

| Year | Amount | Year | Amount |
|------|--------|------|--------|
| 1891 | 1000 | 1892 | 1000 |
| 1893 | 1000 | 1894 | 1000 |
| 1895 | 1000 | 1896 | 1000 |
| 1897 | 1000 | 1898 | 1000 |
| 1899 | 1000 | 1900 | 1000 |

1891 1000
1892 1000
1893 1000
1894 1000
1895 1000
1896 1000
1897 1000
1898 1000
1899 1000
1900 1000

Second sheet, Variety

Pipers Best

132

Storage notes:

10/10/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium small); Color: Light dark normal. *off considerably now.*

Habit of Growth: Very upright roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching: *well branched*
Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched*

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. *stand out rather straight.*

Spurs: Very many medium few; Very (medium slender) stout;
(1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none *mostly 1/2" long -
some 1 + 2" long*

General aspect of tree: Medium slender open dense stocky
grower; Top round much (broader narrower than tall)

not large but a rather sturdy type, a rather flat top.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Tree #4 is considerably better
than #3. Location is probably
a factor - latter not very favorable*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Plott ~~(to Plott)~~ Seedless*

Pomology No. 33721

Orchard location: Section *7* Row *21* Tree *2*

Arlington Accession No. *4999*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/7</i> | <i>102238</i> | : | 1927 - | | |
| 1923 - | <i>8/31</i> | <i>103871</i> | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105192</i> | : | 1929 - | | |
| 1925 - | <i>8/21</i> | <i>106632</i> | : | 1930 - | | |
| 1926 - | <i>8/27</i> | <i>107771</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/1, full bloom*
 1925 - *4/15, part full bloom.*
 1926 - *4/30, " " "*
 1927 -

Remarks: *The fruit is seedless, only specks of rudimentary seeds being visible. Cor. formation is normal. Scions received 4/8/05 from W. J. Allen, Waynesville, N. C.*

Characterization: *Medium size, roundish cone. Ground color yellow, nearly overspread with dull red and indistinct stripes; a light whitish bloom. Stems mostly light colored, submerged, same brownish and raised. Flesh tinged yellow, texture rather coarse and granular, lacks juice, subacid but no characteristic flavor. No apparent merit; of interest only because of its seedlessness.*

Second sheet, Variety

Storage notes:

1/27/28

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *none*

Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

*A poor weak unsymmetrical tree,
ardently much subject to certain
diseases.*

1. The first part of the paper discusses the importance of maintaining accurate records of all transactions.

2. It then goes on to describe the various methods used to collect and analyze data.

3. The next section deals with the results of the study and the conclusions drawn from them.

4. Finally, the paper discusses the implications of the findings for future research and practice.

5. The paper concludes by emphasizing the need for continued research in this area.

6. The author expresses his appreciation to the many people who assisted him in the preparation of this paper.

7. The paper is published in the Journal of Business Administration, Volume 10, Number 1, 1965.

8. The author's address is 123 Main Street, New York, New York 10001.

9. The paper is available for purchase from the publisher at a price of \$5.00 per copy.

10. The paper is also available for purchase from the publisher at a price of \$10.00 per copy.

11. The paper is also available for purchase from the publisher at a price of \$15.00 per copy.

12. The paper is also available for purchase from the publisher at a price of \$20.00 per copy.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Précoce de Tunis*

Pomology No. *24169*

Orchard location: Section *C*

Row *7-8*

Tree *2*

Arlington Accession No. *1997*

L.P. 5452

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | <i>7/16</i> | <i>103345</i> | : | 1928 - | | |
| 1924 - | <i>7/28</i> | <i>105043</i> | : | 1929 - | | |
| 1925 - | <i>7/7</i> | <i>106469</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *4/26, few buds still out most petals falling*
 1925 - *4/4, 75% buds open; 7/14 petals mostly off*
 1926 - *leaves nearly full*
 1927 -

Remarks:

Root grafts 1902. Variety from Algeria. - From Pépinière de l'Orphelinat de Musserghine, Oran, Algeria. Scions used in propagating Arlington trees probably came from nursery on Baboua flats.

Characterization:

1925 Note.

A very small, greenish yellow apple. Flesh yellowish, rather fine grain, dry, flat, worthless - under best conditions

2/21/26 Tree small, upright (No 24 sheet) pruning, poor grower.

Painting: 57238 Description: none

General and Particular
 Accounts

For the year ending 1881

1881

By Balance forward 1880

| Particulars | Debit | Credit |
|-------------------------|-------|--------|
| By Balance forward 1880 | | 1000 |
| To Cash | 500 | |
| To Goods | 200 | |
| To Debtors | 100 | |
| To Creditors | | 500 |
| To Balance forward 1881 | | 1000 |

By Cash 1000

To Cash 1000

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Popsiton

Pomology No. 40640

Orchard location: Section

H

Row

19-20

Tree *2*

Arlington Accession No.

6422

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/21</i> | <i>109447</i> |
| 1923 - | — | — | : | 1928 - | <i>9/27</i> | <i>110435</i> |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>10/4</i> | <i>108351</i> | : | 1931 - | — | — |

Blossom dates: 1924 -

— no bloom

1925 -

— 4/15, 75% buds open. 1 cluster only.

1926 -

4/30. full bloom - very light bloom.

1927 -

4/12, 20% buds open.

Remarks:

1928 - 4/30. first bloom; 4/26, 90% buds open - a few scattered clusters only.

Scious trace to T. T. Ryan of Michigan. No record here apparently of what the variety should be like. (see over for source)

Mostly 1926 notes.

Good size to large, slightly oblong conic, regular, indistinctly ribbed. Ground color yellow, slightly blushed sometimes (in 1925 mostly well over spread with medium red but the distinct yellow ground color shows through - some fruits slightly striped). Dots numerous. In 1926 the apples as slight bracks in skin - very conspicuous, but these are probably abnormal, at least seasonal, since on the more highly blushed areas the dots were small, and rather inconspicuous. A smooth highly blushed fruit hardly looks as if it could be same variety as the rest of lot but reddish is. Flesh yellowish, grain a little coarse, texture breaking, juice unbranded (over)

Characterization:

sweet, fairly rich, pretty good for a
sweet apple.

¹⁹9/26 In season now. Same water core

9/23/27. Probably better developed than in 19
Not yet quite in season.

2d sheet for storage - quality

Source.
No. 40640 - skins removed 3/25/05 from
Hoswell collection of W. H. Swain in
Richmond. This entry refers to Paun.
No. 11692 - skins of Poppleton
Sweet removed 4/3/96 from
T. T. Ryan, South Haven, Mich.

Second sheet, Variety

Storage notes:

Poppleton 637
1927 Crop, sent 12/1/27 from 12/1/27.
Tree in excellent condition. Now eating
ripe. Fairly fine grain, fair, tender,
a little lacking in juice but fairly good.
Flavor mostly neutral, but slightly sweet
rather than acid. While probably to be
rated as good, there is a slight after taste
not entirely pleasant.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *Clean and healthy.*

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender stout)
(1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

A fine upright sturdy tree.
Neg. No. 49697

Fruit painted

85713 - 108351

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

Handwritten text, likely bleed-through from the reverse side of the page. The text is arranged in several paragraphs, with some lines appearing as lists or bullet points. The handwriting is cursive and somewhat faded.

Paragraph 1: [Illegible]

Paragraph 2: [Illegible]

Paragraph 3: [Illegible]

Paragraph 4: [Illegible]

Paragraph 5: [Illegible]

Paragraph 6: [Illegible]

Paragraph 7: [Illegible]

Paragraph 8: [Illegible]

Paragraph 9: [Illegible]

Paragraph 10: [Illegible]

Paragraph 11: [Illegible]

Paragraph 12: [Illegible]

Paragraph 13: [Illegible]

Paragraph 14: [Illegible]

Paragraph 15: [Illegible]

Paragraph 16: [Illegible]

Paragraph 17: [Illegible]

Paragraph 18: [Illegible]

Paragraph 19: [Illegible]

Paragraph 20: [Illegible]

Paragraph 21: [Illegible]

Paragraph 22: [Illegible]

Paragraph 23: [Illegible]

Paragraph 24: [Illegible]

Paragraph 25: [Illegible]

Paragraph 26: [Illegible]

Paragraph 27: [Illegible]

Paragraph 28: [Illegible]

Paragraph 29: [Illegible]

Paragraph 30: [Illegible]

Paragraph 31: [Illegible]

Paragraph 32: [Illegible]

Paragraph 33: [Illegible]

Paragraph 34: [Illegible]

Paragraph 35: [Illegible]

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Paragraph 37: [Illegible]

Paragraph 38: [Illegible]

Paragraph 39: [Illegible]

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Paragraph 41: [Illegible]

Paragraph 42: [Illegible]

Paragraph 43: [Illegible]

Paragraph 44: [Illegible]

Paragraph 45: [Illegible]

Paragraph 46: [Illegible]

Paragraph 47: [Illegible]

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Paragraph 62: [Illegible]

Paragraph 63: [Illegible]

Paragraph 64: [Illegible]

Paragraph 65: [Illegible]

Paragraph 66: [Illegible]

Paragraph 67: [Illegible]

Paragraph 68: [Illegible]

Paragraph 69: [Illegible]

Paragraph 70: [Illegible]

Paragraph 71: [Illegible]

Paragraph 72: [Illegible]

Paragraph 73: [Illegible]

Paragraph 74: [Illegible]

Paragraph 75: [Illegible]

Paragraph 76: [Illegible]

Paragraph 77: [Illegible]

Paragraph 78: [Illegible]

Paragraph 79: [Illegible]

Paragraph 80: [Illegible]

Paragraph 81: [Illegible]

Paragraph 82: [Illegible]

Paragraph 83: [Illegible]

Paragraph 84: [Illegible]

Paragraph 85: [Illegible]

Paragraph 86: [Illegible]

Paragraph 87: [Illegible]

Paragraph 88: [Illegible]

Paragraph 89: [Illegible]

Paragraph 90: [Illegible]

Paragraph 91: [Illegible]

Paragraph 92: [Illegible]

Paragraph 93: [Illegible]

Paragraph 94: [Illegible]

Paragraph 95: [Illegible]

Paragraph 96: [Illegible]

Paragraph 97: [Illegible]

Paragraph 98: [Illegible]

Paragraph 99: [Illegible]

Paragraph 100: [Illegible]

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Primate

Pomology No.

40557

Orchard location: Section

H

Row

3-4

Tree

4

Arlington Accession No.

6376

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/24</i> | <i>101619</i> | : | 1927 - | <i>8/4</i> | <i>109240</i> |
| 1923 - | <i>7/20</i> | <i>103352</i> | : | 1928 - | <i>7/24</i> | <i>110186</i> |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | <i>7/29</i> | <i>106521</i> | : | 1930 - | — | — |
| 1926 - | <i>7/26</i> | <i>107660</i> | : | 1931 - | — | — |

Blossom dates:

1924 - *5/2, 90% buds open; 5/6, considerably past full.*
 1925 - *4/14, first bloom; 7/30, past full, but still few*
 1926 - *7/30, 75% buds open (buds - few clusters only,*
 1927 - *4/12, first bloom.*

Remarks:

1928- 4/26, 25% buds open; 5/1, 90% buds open.
skins removed 3/13/08 from private collection
of W. H. Irvine, Lexington.

Characterization:

Good size, roundish conic, sometimes apex quite pointed. Surface more or less irregular, somewhat ribbed. Mostly self colored, greenish yellow or yellow, ripened side sometimes has a coppery cast. Dots same brownish, some white, suppressed, all small and inconspicuous. In 1925 some buttermilk overcoat but not much if any in other years. Flesh white or slightly tinged yellow, fine grain, tender, mild subacid, pleasant, rather rich; fairly high quality. In 1927, more water content than in any of the 40. more or less, varieties (over)

RECORDS OF THE
WATER COMMISSION

received from Arlington to date (8/9/27)
In 1925, no water core was found
Not mentioned in earlier years.

| Year | Amount | Notes |
|------|--------|-------|
| 1925 | 100.00 | |
| 1926 | 100.00 | |
| 1927 | 100.00 | |
| 1928 | 100.00 | |
| 1929 | 100.00 | |
| 1930 | 100.00 | |
| 1931 | 100.00 | |
| 1932 | 100.00 | |
| 1933 | 100.00 | |
| 1934 | 100.00 | |
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| 2019 | 100.00 | |
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| 2021 | 100.00 | |
| 2022 | 100.00 | |
| 2023 | 100.00 | |
| 2024 | 100.00 | |
| 2025 | 100.00 | |
| 2026 | 100.00 | |
| 2027 | 100.00 | |
| 2028 | 100.00 | |
| 2029 | 100.00 | |
| 2030 | 100.00 | |

Second sheet, Variety

Primate

631

Storage notes:

10/30/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark (normal)

Habit of Growth: Very upright roundish (broad flat spreading)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout); Medium straight (crooked)

Secondary limbs: Numerous (medium) few; Medium slender (stout)
Drooping.

Twigs: Many (medium) few; Medium slender (stout); Long medium
(short); Straight (branched) twiggy; Medium (open)
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - (1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium (many); Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense (stocky
grower); Top round (much broader narrower than tall)

Illustrations:

Tree photographed

Reg. No. 49689

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Not a very desirable type of tree though
sturdy. Some cankered places on main
limbs. Whether the result of bruises in picking
or pruning is a question.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Pumpkin Sweet*

Pomology No. *24316*

Orchard location: Section *B* Row *13-14* Tree *3*

Arlington Accession No. *1898*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | — | : | 1927 - | <i>8/28</i> | <i>109354</i> |
| 1923 - | <i>9/27</i> | <i>104122</i> | : | 1928 - | | |
| 1924 - | <i>9/13</i> | <i>105369</i> | : | 1929 - | | |
| 1925 - | <i>9/16</i> | <i>106796</i> | : | 1930 - | | |
| 1926 - | <i>9/9</i> | <i>107922</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/29, 50% buds open. 5/3, full bloom.*
 1925 - *4/14, 90% " " 4/16, " "*
 1926 - *4/28, center buds open.*
 1927 -

Remarks: *Scions from N.Y. Gt. Sta in 1902.*
Badly watercored in 1922, but not in 1923
Mentioned as occurring in at least 2 other
years.

Characterization: *Size medium to large; roundish, some-*
times halves unequal. Ground color yellow (when
fully mature), sometimes slightly blushed. Blotched
in form of stripes and splashes, sometimes as a wash,
dots numerous whitish submargined, inconspicuous.
Flesh whitish slight yellow tinge; pretty firm 9/8/27
but picking ripe; fine grain, fairly juicy, sweet-
ly sweet. Too immature for full test 9/9/23 - and 9/14/26
apparently needs to be in ripening condition
as to ripeness to be at its best.

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| Author | Title | Year | Volume |
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Second sheet, Variety

Pumpkin Sweet

441

Storage notes: 1926 Exp. Stored 9/2/26 out 11/3/27;
exam 1/26/37. In office refrigerator meanwhile.
Specimens have shriveled but little. A little
browning of the flesh in some cases. Fruit
apparently is past prime though some specimens
do not show it on exterior. Flesh yellowish,
tender, to meeliness has developed. Juice looking
sweet & only fair quality. Would probably have
been appreciably better quality several weeks ago.

Vigor of Tree: Exceptionally strong (average to weak) Size:
Exceptionally large (average) small,

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially retained disappeared.

11/6/28

Branching: Limbs smooth - moderately stout.

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium (few) Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. Twigs and smaller branches lined

Spurs: Very many medium few; Very medium (slender) stout;
variable lengths 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

with spurs

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47898

Fruit painted #57494-106796 Fruit modeled

Fruit described #8009-12045

Disease notes by J. W. Roberts:

Relative absence of twigs, and
occurrence of spurs on twigs and
secondary branches are striking
characteristics

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Variety Apple Orchard
Arlington Farm

642

Variety: Queen

Pomology No. 24317

Orchard Location: Section B Row 13-14 Trm 4

Arlington Acc. No. 1899

Source: Scions, 1902, from N. Y. Expt. Station

Variety: Queen

Pom. No. 28422

Orchard Location: Section E Row 25-26 Trm 3

Arlington Acc. No. 4321

Source: Scions 3/13/03 from N. Y. Expt. Station

Variety: "The Queen"

Pom. No. 28471

Orchard Location: Section F Row 10 Trm 2

Arlington Acc. No. 4356

Source: S.P.J. 6751. Grafts 3/20/03 -
from Emerald, Victoria, through
C.A. Nobelines, June 19, 1901.

Variety: Queen (of the West)

Pom. No. 40555

Orchard Location: Section H, Row 4 Trm 5

Arlington Acc. No. 6377

Source: Scions received 3/13/08. See four.
Nos. 11327, 11463 & 40555 - the latter forming
the present Arlington Acc. No. 6377. Selwans
Gordon received Queen of the West from Dr. Stayman
who had lost track of its history and origin
(over)

Without much doubt Acc. Nos. 1899 and 4321 are identical. They are both from the N.Y. Expt. Sta. in consecutive years. The fruit notes confirm this view. It may also be that Acc. No. 4356 (S.P. 6) is likewise identical with these other two numbers, even though tracing to Victoria. Sept. 4, 1924, I observed with regard to these 3 lots as follows:

" These three samples appear to be identical. They are large apples, distinctly oblate, a broad basin open, large calyx; ground color yellowish, moderately heavily striped and speckled with red. It may be uncertain what Green actually is but as indicated these 3 lots are identical."

The last statement, hastily made, may be too dogmatic, but apparently it expressed my convictions from comparison of fruit of the 3 lots. In 1925, I stated also that acc. No. 6377 was apparently same as S.P. 6.

Acc. No. 6377 "Green" of the box is probably different from the other 3.

As a matter of convenience in account for the different lots, each will be handled separately.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Queen*

Pomology No. *24317*

Orchard location: Section *B* Row *13-14* Tree *4*

Arlington Accession No. *1899*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/21</i> | <i>101613</i> | : | 1927 - | <i>7/22</i> | <i>109199</i> |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105172</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>7/21</i> | <i>107636</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/1*, 50% buds open; *5/3*, full bloom.
1925 - *4/14*, 20% " " ; *4/16* " "
1926 - *7/28*, center buds open, but all will be open soon. Very large white blossoms, "Pink" edge is a very light shade of pink
1927 -

Remarks:

Aug. 2, 1926. Ground color is still greenish - apples picked too soon. But seeds fully colored and some water core has developed. Only a little red striping. Flesh yellowish, fairly fine grain, firm from immaturity, fairly juicy, rather sharply acid but when fully ripe it would probably be fairly rich.
July 29, 1927. Picked too early. Apples held at room temp. for a week. Still firm and hard, with flesh characteristics of immaturity. Ground color has yellowed up considerably. Light red striping on exposed side with but little coloring on shaded side. Likely there would have been (over)

considerable stripping had fruit
been left on tree longer.

Good size, regular, uniform, fruit
distinctly oblate. Cavity deep, rather
heavy ^{indented} ~~resulting~~ in cavity; basin broad
deep! Flesh tinged yellow, fine &
juicy; in present condition very
acid - so much so as to be almost
inedible. When fully mature it will
probably be less acid, but still very
sour. Aug. 16. Fruits in refrigerator
since July 29. Now soft and in
condition as to maturity. Still
exceedingly sour with an unpleasant
twang.

Second sheet, Variety

Queen

Storage notes:

Acc. No. 1899.

1/7/28

Vigor of Tree: Exceptionally strong average (weak.) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Branching: *Moderately well branched*
Main limbs: Very medium [long short; Very (medium slender
stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium (few) Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. *Small*

Spurs: Very (many) medium few; Very (medium slender stout); *same*
1/2 - 1 - (2 - 3 inch) *short* Mostly (branched) unbranched; *unbranched*
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *several*

Fruit modeled

Fruit described #11327-31845 (whether same variety is ?)

Disease notes by J. W. Roberts:

*General lack of vigor - apparent
a very open top - with a good number
of secondary branches towards
hybrum.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Queen*

Pomology No. 28422

Orchard location: Section *E*

Row

25-26

Tree

3

Arlington Accession No. 4321

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | 8/4 | 109241 |
| 1923 - | 8/21 | 103842 | : | 1928 - | | |
| 1924 - | 8/29 | 105185 | : | 1929 - | | |
| 1925 - | 8/7 | 106545 | : | 1930 - | | |
| 1926 - | 7/21 | 107635 | : | 1931 - | | |

Blossom dates: 1924 - 5/1, 30% buds open; 5/6, full bloom
1925 - 4/14, 25% " " ; 4/20, little past full.
1926 - 4/30, 50% " "
1927 - 5/2, few petals still remain. past full.

Remarks:

Noted that: "This is apparently S.P. 6751 (same as) also with B:13-14:4 - the latter in 1926 & 1927. Shows some A. & E. Sept. 3/13/03

distinctly acidic, fruit regular, cavity rather broad, deep, abrupt, heavy coarse russeting about stem; basin

Characterization: Broad, moderately deep, somewhat saucer shape; ground color greenish white, pretty well overspread with red, with fairly distinct broken stripes. Flesh lightly tinged yellow, rather coarse grain, fairly tender, quite juicy, distinctly acid. High acidity conceals any other flavor - it may pass. Color markings and shade of red quite similar to Wolf River.



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60: 4

Second sheet, Variety

Cune

Storage notes:

Acc. No. 4321

7/6/28

Vigor of Tree: Exceptionally strong average (weak) Size:

Poor - Tree 26 Exceptionally large average (small).

very poor
Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout);
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described *#11327-31845 (whether same variety is ?)*

Disease notes by J. W. Roberts:

*General appearance of weakness and
lack of vigor and thrift - Small
compared with surrounding trees
"Poor weak things".*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *The Queen*

Pomology No. 28471

Orchard location: Section *7* Row *10* Tree *2*

Arlington Accession No. 4356

S.P.J. 6757

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/7</i> | <i>102237</i> | : | 1927 - | | |
| 1923 - | <i>8/23</i> | <i>103852</i> | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105189</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *3/3* full bloom - light.
1925 - *4/15*, 75% buds open; *4/20*, past full.
1926 -

1927 -
Remarks: *Scions used for propagation from Arlington trees taken from nursery trees on Potomac. See notes elsewhere regarding similarity of this with Acc Nos. 1899 and 4321.*

Grafts received 3/20/03 from Emerald Victoria, through C. A. Nobelines.

Characterization:
3/1/26. Tree poor: canker, Emerald or blight on limbs. Below medium size, upright, spreading. Many spurs of varying lengths.

(No 2nd sheet)

Also note they were grown under Penn. No. 21739

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Queen (of the West)*

Pomology No. 40558

Orchard location: Section *74* Row *4* Tree *5*

Arlington Accession No. 6377

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | <i>10/13</i> | <i>102560</i> | : | 1927 - | <i>9/22</i> | <i>109481</i> |
| 1923 - | <i>10/12</i> | <i>104261</i> | : | 1928 - | <i>10/10</i> | <i>110694</i> |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | <i>10/10</i> | <i>107116</i> | : | 1930 - | <i>9/5</i> | <i>111605</i> |
| 1926 - | <i>11/1</i> | <i>108696</i> | : | 1931 - | <i>10/6</i> | <i>112346</i> |

Blossom dates: 1924 - *5/2, 75% buds open; 5/6, little past full.*
1925 - *4/15, 50% " " 4/20, considerably past full.*
1926 - *4/30, 50% " "*
1927 - *4/26, first bloom; 5/1, 50% buds open.*

Remarks: *This is probably Queen of the West received by Silvanus Gordon from Dr. J. Shyuman who had lost track of its origin and history. See four entries No. 11327, 11463, and 40558, the latter forming Acc. No. 6377.*

Characterization: *Mostly 1925 Notes. Size medium, regular, indistinctly ribbed, regular oblate. Cavity rather shallow, broad; stem 1/2" slender; basin medium depth, rather broad; sepals converging, eye closed or nearly so, rather large; ground color yellowish, fairly well overspread with medium red with indistinct striping. Overspread of bottom with (over)*

which gives a dull unattractive finish
spots variable; some raised, russet, or
yellow, sometimes areolar, some
submerged. Flesh yellowish, grain
moderately fine, fairly tender when fully
ripe, fairly juicy, mild subacid,
rather rich, fairly good - at its best,
but so unattractive in appearance
that it has little to commend it.

Second sheet, Variety

Green (of the West)

649

Storage notes:

Acc. No. 6377

1926 crop, out of storage 3/31/27. Exam 4/1/27
2 of 5 fruits completely decayed. Physical
condition of other 3 is good but unattractive
because of color. Inclined to be much though
fruit juicy. Mild subacid with a newish,
somewhat astringent flavor - eating greatly
very poor.

Crop of 1928, stored 7/18/28; out 7/15/29. Exam 2/2/29
(over)

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large average (small)

Foliage: Very abundant (normal) scanty, Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad) flat spreading.
Central leader: Partially retained (disappeared)

10/20/28

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; ~~Medium~~ (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable (slight) none

General aspect of tree: Medium slender open dense stocky
grower; Top round much (broader narrower than tall.)

Seems to have good vigor but is a small tree.

Illustrations:

Tree photographed

Fruit painted

several

Fruit modeled

Fruit described #11327-31845 (whether same variety is ?)

Disease notes by J. W. Roberts:

One front badly decayed 2/15/29, others in
good physical appearance then. One
has broken down almost completely
by 2/21/29. All others have developed
much storage scald which has
penetrated the flesh considerably.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rabin*

Pomology No. 43285

Orchard location: Section *J* Row 21-22 Tree 1

Arlington Accession No. 7175

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/25 | — | : | 1927 - | 9/9 | 109449 |
| 1923 - | 9/15 | 104008 | : | 1928 - | 9/28 | 110683 |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | 9/23 | 106863 | : | 1930 - | — | — |
| 1926 - | — | — | : | 1931 - | — | — |

Blossom dates: 1924 - — 5/2. full bloom.
1925 - — 4/15. " "
1926 - 4/30. 75% buds open.
1927 - 4/16. 25% " " ; light bloom.
1928 - 4/26. first bloom; 5/1. full bloom.

Remarks: 1928 - 4/26. first bloom; 5/1. full bloom. *Prof. C.C. Newman, Clemson College, S.C.*

Scions received 4/22/09 1/27/09 from Prof. C.C. Newman, Clemson College, S.C.
In 1923 I expressed positive conviction that this apple and J:17:5 were identical but not Rabin.
However, I also noted that this acc. No. 7175 checked better with paintings of Rabin than did J:21-22:5 (acc. No. 7178) which had been considered (apparently erroneously) as Rabin.

Characterization: While in 1923 I was strongly of the opinion that this No. 7175 was Rabin, as it should be.
Characterization which follows is combination of those made in 1925 + 1927, both of which were fairly full: Size good, oblate, halves same - times a little unequal, fairly regular, some - times unduly ribbed: (over)

Covely wide, deep; stem $\frac{1}{4}$; basin broad
sepals long, reflexed; eye open.
Ground color rich yellow, well overtopped
with fairly rich bright red; dots very
numerous, very small, light color red, small
and inconspicuous. to brownish or yellow
slightly raised, becoming fairly conspicuous
on red surface. Same specimens have
general color affect of Hubbardston
including fine leather cracking at
times. Flesh yellowish, fine grain
a little satiny, considerably body
moderately juicy. mild subacid
with characteristic flavor, not over-
pleasing; only fairly good.

$\frac{1}{2}$ fruit very firm and hard
see storage notes for certain
other characterizations.

Seeds of Rabin were received from
Prof. Newman, 1/11/08 - four (Pam.) No. 40265
and 3/2/08 Pam. No. 40436, both lots of
which were variously distributed including
Arlington Farm. but fruit records
appear to relate to this lot No. 43285
from which the trees planted at Arlington
were propagated. what became of
the 1908 lots at Arlington is not now known

Second sheet, Variety

Rabun (acc. No. 7175)

Storage notes:

Crop 1927

(9:21-22:5)

Out $\frac{1}{2}$, name $\frac{12}{8/27}$ fruit has held well, so far as appearances indicate, but chances are flavor has changed somewhat. Very fine grain and tender, almost too much so to be desirable in present degree of maturity as it gives a smooth, almost silky reaction in the mouth. Very mild subacid, almost flat, with flavor not really pleasant. If this is typical (over)

Vigor of Tree: Exceptionally strong average (weak) Size: Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. 50% off.

Habit of Growth: Very upright (roundish) broad flat spreading. Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium slender stout); Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; Drooping.

Twigs: Many (medium) few; Medium slender (stout); Long (medium) short; (Straight) branched twiggy; Medium open dense; Willowy.

Spurs: Very (many) medium few; (Very medium slender stout); (1/2 - 1 - 2 - 3 inch) Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender open dense stocky grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 50740

Fruit painted Several

Fruit modeled

Fruit described #35288 (Rabun Bald)

Disease notes by J. W. Roberts:

Tree located on bank is in poor position. Cankers or old wounds on limbs have apparently checked the growth. One of the very few varieties that has distinct swellings (barks?) on spurs where fruits have been borne.

of the variety at this season, held
as these fruits have been held, the
results are not favorable to the
variety.

Crop of 1928. Stored $\frac{10}{18}$; out $\frac{7}{4}/29$;
in form $\frac{7}{9}/29$. In excellent condition
again very definite doubt express
as to its being Rabun from Rabun
Ga. Some of characters as previously
stated. Sepals long, narrower as
converging, eye partially closed.
varies from statements on sheet
not yellowish, numerous inconsistencies
- not wholly in accord with above
(sheet 1) in attractive apple. Fl.
very fine grain, very tender skin
buttery, quite juicy, flavor pro-
neutral, lacks richness, flat. A
quality. Probably would have shown
more flavor a month ago.
Question still remains as to whether
these specimens were actually
Rabun.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rabun Bald* (see under Remarks)

Pomology No. 40436

Orchard location: Section *J* Row *17* Tree *5*

Arlington Accession No. 6294

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/23 | 102600 | : | 1927 - | — | — |
| 1923 - | 9/15 | 104007 | : | 1928 - | 10/10 | 110695 |
| 1924 - | 10/18 | 106007 | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | — | — | : | 1931 - | — | — |

Probably received 3/7/08, notes from C. C. Newman, Clemson College, S. C.
Blossom dates: 1924 - — 5/3, full bloom
1925 - — 4/15, 25% buds open; 7/20, little fruit full.
1926 - 5/1, full bloom.
1927 - 7/1, " " but blossoms scattered.

Remarks: The orchard records were made under the name Rabun, but acc. record gave name as above, the full name being reduced to Rabun. However in the fruit notes, definite conviction was repeatedly expressed that the fruit was not Rabun as described and illustrated in the files. Belief was recorded in 1923 that this and J:21-22; 1 (acc. No. 7175) were identical but neither Rabun. Look up journal entries for fuller information as to source. 2 trees were received 3/7/08.

Characterization:

size small to medium, oblate

ground color yellow, fairly well covered with red varying from dull to bright in different years, indistinct striping, some seasons. Flesh yellowish, fine grain, juicy, mild subacid, rather delicate but "thin"; not enough richness (over)

to escape being flat. At its best it would probably be rather pleasant but is of no special account because of small size and lack of appearance merit.

In the storage record Feb. 21/29 it is noted that the apple suggests Collins somewhat though the shade of red is darker than Collins. Dots yellowish, medium size, numerous about the apical half. See storage notes.

Likely lack of accurate knowledge of what Robur is like obscured the identification of this apple. Since this No. (acc. No. 6294) and acc. No. 7175 were both named as Robur (or Robur Bald) and were considered identical it may be they were that variety even though not checking very well with past and descriptions I am file. Robur was discussed in Proust New Fruits in the 1906 Year Book p 359.

Second sheet, Variety

Rabun

Storage notes:

Acc. No. 6294 (J:17:5)

Crop 1928. Stored 1/18; sent 2/15/29. Exam 7/21/28

In prime condition it might be good in quality but it has wilted considerably; otherwise has kept well. No seed or decay. The wilted condition has undoubtedly had an influence on flavor and quality as they now exist - mild subacid approaching - neutral - pleasant but lacking richness.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #35288

Fruit modeled

Fruit described #35288

~~Disease notes by J. W. Roberts:~~

A very poor tree. Small, part of limbs gone, possibly from blight. Bark gone from one side of trunk. This may also be due to blight but cause is uncertain.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rainier*

Pomology No.

Orchard location: Section *E.* Row *24* Tree *5*

Arlington Accession No. *Grafted into tree in this location*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | <i>10/6</i> | <i>112347</i> |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks:

Fruit has very rusty appearance beyond all normal ~~apple~~ character-istics of the variety and beyond all recognition by it. These specimens middling in size.

Characterization:

Mr. Culpepper sent in specimens that were large but just as rusty as those from Arlington. F. F. LeMayer, Eccluson, Md, also sent in ~~many~~ badly "rusty" specimens. 10/31, pulled specimens from the refrigerator - "at" pretty well apparently is not suited to the climatic conditions in this region.
(over)

Paintings: several
description: 69861

(no 2d sheet)

1801
1802
1803
1804
1805
1806
1807

1801
1802
1803
1804
1805

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ralls*
Pomology No. *24318*

Orchard location: Section *B* Row *13-14* Tree *5*

Arlington Accession No. *1900*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/17</i> | <i>102182</i> | : | 1927 - | <i>10/6</i> | <i>109654</i> |
| 1923 - | <i>10/20</i> | <i>104287</i> | : | 1928 - | | |
| 1924 - | <i>10/14</i> | <i>105685</i> | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108488</i> | : | 1931 - | | |

Blossom dates: 1924 - *No bloom.*
1925 - *4/18. pink stage*
1926 - *4/28, cluster buds just separating*
1927 - *5/2, - full bloom estimated at about 1/3*

Remarks: *Scions in 1902 from N. Y. exp. station.*

1926 notes most. approach medium size, slightly oblate a little conical, somewhat flattened, sometimes roundish conical. Fairly uniform and regular with indistinct ribbing.

Characterization: Ground color yellow, pretty well overlaid with wash of bright red, and more or less striping, the stripes rather distinct on less well colored surface. Tons numerous and variable, mostly yellowish, slightly raised, rather small, fairly conspicuous, some slightly areolar; a good deal of rough leather cracking this year, some cracks extending into the flesh. White rather attractive because of bright red color, and striping and (over)

Newton Spitznberg type of Finnish,
the fruit this season looks rather
rough. Cavity medium in width and
depth; stem about $\frac{1}{2}$ "; basin shallow
broad; eye partially open; some
bloom. Flesh yellowish, grain
satinny, fruit grain firm, p
sprightly subacid, fairly well
rich, good, but too immature
($\frac{1}{6}/26$) for full flavor.

Second sheet, Variety

252
Ralls. (Arlington Acc. No. 1900)

Storage notes:

1926 crop. Out of storage 4/2/27
Wm. 7/7/27. Considerably shrunk.
otherwise has kept well. Flesh
yellowish, fine grain, rather firm,
fairly juicy, mild subacid but without
any characteristic flavor. Not above
good in quality. (over)

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad flat spreading)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight (crooked) tend to droop.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. Considerably branched.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium (many); Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

low spreading top with general look of vigor

Illustrations:

Tree photographed Neg. No. 47910

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Storage.

Crop 71121. Out of storage 2/27/25
exam. 3/9/28. In office refrigerator
meanwhile. Kept in excellent
condition. Fine grain, fairly
tender, but has considerable
body. Quite juicy, mild subacid
but fairly sprightly. Flavor
little characteristic but not
unpleasant. Fair to good.

Hardly seems to be the variety
at its best, yet it is in good
physical condition and
apparently in prime eating
condition.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rambo*

Pomology No. *24319*

Orchard location: Section *B* Row *15-16* Tree *1*

Arlington Accession No. *1901*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102566</i> | : | 1927 - | <i>9/23</i> | <i>107535</i> |
| 1923 - | <i>10/20</i> | <i>104274</i> | : | 1928 - | | |
| 1924 - | <i>—</i> | <i>—</i> | : | 1929 - | | |
| 1925 - | <i>10/16</i> | <i>107118</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *4/29, 50% buds open; 5. full bloom - over light - just 1 bud*
1925 - *7/13, first bloom; 7/16, 50% buds open; 7/22, perfect*
1926 - *7/28, center buds open; only 1 or 2 small limbs have blossoms*
1927 -

Remarks: *Scions received in 1902 from N. Y. Expt. station. In 1925 (10/23) it was noted that most of the specimens are very badly cracked, the cracks being deep, and running both lengthwise and crosswise the fruits. While pretty well colored, they are poor specimens of the variety.*

Characterization: *1927. Sept. 30. Exceptionally large for variety, running good size and fairly uniform. Roundish, sometimes a little oblate; tendency to truncate. Cavity - medium but rather narrow; stem about 1/2" slender; basin, moderately deep, wide, wrinkled; sepals rather long, slightly converging, but eye usually closed. Skin size; ground color yellowish with tinge of green (perhaps not fully colored), about 1/2 surface (over)*

covered with a rather thin wash
of a rather dull, and fairly distinct
stripes; dots numerous, brownish,
slightly raised. Much fine leather
crackling which with the greenish
tinge and rather dull red make
a poorly finished unattractive fruit
flush tinged yellow, fine grain,
a little grainy. fairly juicy, mild
subacid. Not better than good
not up to the standard of quality
for the variety. In season now

9/30/27

WINEY GARDEN
1880
- 1000
- 1000
- 1000
- 1000

Storage notes:

1/6/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large average small. (Fair)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading.
Central leader: Partially retained disappeared.

Branching: well branched
Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: (Very many) medium few; Very medium slender stout;
(1/2 - 1 - 2 - 3 inch); (Mostly branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
(Many branched) considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. Nos. 426694 47887
See also Neg. No. 47942 (C: 24:3)Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Numerous spurs very conspicuous.
Some loss of limbs apparently due
to canker. Bark has a rather
unhealthy appearance.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rambour Popelen* ^(U.S.)

Pomology No. 40819

Orchard location: Section *✓* Row *1-(2*)* Tree *4*

Arlington Accession No. *6594*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/6</i> | <i>102511</i> | : | 1927 - | <i>9/13</i> | <i>109409</i> |
| 1923 - | <i>9/19</i> | <i>104083</i> | : | 1928 - | <i>8/22</i> | <i>110347</i> |
| 1924 - | <i>9/13</i> | <i>105404</i> | : | 1929 - | <i>8/26</i> | <i>111120</i> |
| 1925 - | <i>9/16</i> | <i>106865</i> | : | 1930 - | <i>8/14</i> | <i>111578</i> |
| 1926 - | <i>8/27</i> | <i>107924</i> | : | 1931 - | <i>8/25</i> | <i>112242</i> |

Blossom dates: { 1924 - - ?
notes apply to 3:1:4 { 1925 - *4/15, 75% buds open; 7/30, part full bloom*
 1926 - *4/30, 50% " " - fairly good bloom.*
 1927 - *4/16, first bloom, 5/1, 75% buds open.*
 1928 - *4/26, " " ; 5/1, 75% buds open.*

Remarks (*) - Both trees were supposed to be the same but were in fact very different. 3:1:4 was in all probability correct. 3:2:4 was a small, sweet, dry, mealy apple of no account - possibly a sport from the root stock. No further account of this tree is recorded.

Characterization: Scions were received 4/8/05 from H.C.B. Colville, Muscatine, Iowa, who was much interested in English apples. Considerable correspondence was had with him over a period of several years during the period when these scions were received from him.

Characterization: Good size to large; rounded, conical to slightly oblate, fairly regular, smooth except russeting as noted below. Core narrow, (over)

shallow, - suggested Pawnee cavity in 1928, sometimes Roman style
stem $\frac{1}{4}$ " to $\frac{1}{2}$ " - cavity and large area sur-
mounted; basin broad, deep; sepals lar-
viflex; eye very large, open; ground color
yellow, better colored fruits pretty well
interspread with red, with rather indistinct
broad stripes; same scatter cracks
especially about apex; dots scattered, brown
rather inconspicuous, - a rather co-
arsely finished fruit, flesh yellow
rather firm, fairly juicy, rather sub-
acid till fairly ripe, then mild subac-
id with characteristic flavor, not rich
but pleasant; fair to good quality.

Brown rot bad in 1926. Not
mentioned in other years.

Second sheet, Variety

Rambour Popple

660

Storage notes:

J:1:4.

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

#37742

Disease notes by J. W. Roberts:

These notes were based
on J:2:4 - because that was the better of this
pair of trees, J:1:4, being very poor, and
no. 2 being below average in vigor and
small. Because no. 2 appears to be a
worthless thing from its standpoint, likely
a sprout from the root stock it is disregarded
in this compilation

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Ramsdell

Pomology No. 24320

Orchard location: Section

B

Row

16

Tree 2

Arlington Accession No. 1902

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/1 | 102486 | : | 1927 - | | |
| 1923 - | 9/12 | 103910 | : | 1928 - | | |
| 1924 - | 9/13 | — | : | 1929 - | | |
| 1925 - | 10/7 | 107015 | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -

4/29, 90% buds open; 5/3. part full - light.

1925 -

1926 -

1927 -

Remarks:

It was noted on the fruit card from Arlington in 1925 that the tree was about dead. Scions from N. Y. Sta in 1902 as Ramsdell wrote fruit regarded as authentic but in 1924 and in 1925, the fruit was smaller than specimens shown in the paintings of the variety on file.

Characterization:

Small - distinctly below medium, ground color yellow, completely overcast with dark red and indistinct stripes, spots numerous, yellowish, submerged, conspicuous. Flesh yellow, grain a little coarse, tender, distinctly sweet, fairly rich, pretty good when in prime condition. Neg. no. 44729. Paintings: done (no 2d sheet) (5/22)

Descriptions: Several

1875-1876

1876-1877

1877-1878

1878-1879

1879-1880

1880-1881

1881-1882

1882-1883

1883-1884

1884-1885

1885-1886

1886-1887

1887-1888

1888-1889

1889-1890

1890-1891

1891-1892

1892-1893

1893-1894

1894-1895

1895-1896

1896-1897

1897-1898

1898-1899

1899-1900

1900-1901

1901-1902

1902-1903

1903-1904

1904-1905

1905-1906

1906-1907

1907-1908

1908-1909

1909-1910

1910-1911

1911-1912

1912-1913

1913-1914

1914-1915

1915-1916

1916-1917

1917-1918

VARIETY APPLE ORCHARD
Arlington Farm

Variety: _____ ? *Supposed to be Ramsdell*
Pomology No. *though no accession card for it*
Orchard location: Section *J* Row *1* Tree *4*
Arlington Accession No. *7201*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks:

Characterization: *A crab-like thing about 2" in diameter - pale yellow with same bluish, tough texture, look like - nearly sweet but flat - worthless - seems likely the tree is a sprout from the root stock.*
(no 2d sheet)

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Randolph*

Pomology No. 40822

Orchard location: Section *J*

Row 3-4

Tree 3

Arlington Accession No. 6606

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-----------------|----------------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | 8/4 | 109242 |
| 1923 - | 7/20 | 103355 | : | 1928 - | 7/24 | 110157 |
| 1924 - | 7/29 } 7/4 } | 105046 } 105051 } | : | 1929 - | 7/12 | 111013 |
| 1925 - | 7/21 | 106470 | : | 1930 - | — | — |
| 1926 - | 7/20 | 107606 | : | 1931 - | 7/30 | 112269 |

Blossom dates: 1924 - 5/2, 75% buds open; 7/6, little part full
1925 - 4/15, 50% " " 4/20, " " "
1926 - 4/30 50% " " "
1927 - 4/21, first bloom; 4/26, 20% buds open;
5/1, 50% " " "

Remarks:

scions received 4/15/08 from F. M. Soper,
Magnolia, Ind. 7

Characterizations: Below medium in size, but sometimes as large as some; fairly good size; slightly oblate, regular, smooth; cavity rather shallow, broad, somewhat saucer shape; stem from 1/2" to 1/2" (rather thick but in 1928 from 1/2" to 1" in length; ground color yellow, pretty well covered with bright red stripes, spots numerous but small and inconspicuous; flesh rather coarse grain, fairly tender, locking in juice, very mild subacid, almost neutral, not unpleasant light local character. Too small and indifferent to have merit.

Second sheet, Variety

Randolph.

Storage notes:

11/6/25

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal. *50%-60% still on tree.*

Habit of Growth: Very upright (roundish) broad flat (spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
(dense) Willowy.

Spurs: Very many medium (few) Very (medium) slender stout;
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender - open (dense) stocky
grower; Top round much broader narrower than tall,
(little)

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *#8945-17625*

Disease notes by J. W. Roberts:

*J:3:4 is much the better tree. Notes based on it.
The many twigs produce a rather dense
top. A strong fine symmetrical tree.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rasmussen* ? - A seedling apple sent
by Mr. Rasmussen -
Pomology No. 46272
Orchard location: Section *f* Row *22* Tree *3* *see below*
Arlington Accession No. *8573*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/19</i> | <i>102288</i> | : | 1927 - | <i>9/22</i> | <i>109536</i> |
| 1923 - | | | : | 1928 - | <i>9/28</i> | <i>110437</i> |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *5/2*, 20% buds open; *7/6*, full bloom - very light.
1925 - *4/15*, first bloom. *7/20*, 50% buds open
1926 - *7/3* - no signs of blossoms

1927 -

Remarks:

Pom. No. 46272 records the receipt of seeds of a seedling apple 2/3/10 from R. Rasmussen, Harman, Neb. - Refers to Pom. No. 36735 which records fruit received 9/15/06 from Mr. Rasmussen. It is a seedling apple tree from seed planted 22 years ago. Says fruit all colors perfectly!

Characterization: *1927* notes. Medium size, roundish conic, color yellow with fine rather cracking and russeting. Flesh tinged yellow, coarse grain, lacking in juice, mild subacid with some tannin effect. Uncertain whether this is *Rasmussen*, but this apple is without merit. Pom. Jour. entry indicates *Rasmussen* is a long-keeping apple - which this probably is not.
Painting: none (no 2d sheet) (over)

Description: None

| Year | Month | Day | Time | Location | Notes |
|------|-------|-----|-------|----------|-------|
| 1900 | Jan | 1 | 10:00 | ... | ... |
| 1900 | Jan | 2 | 10:00 | ... | ... |
| 1900 | Jan | 3 | 10:00 | ... | ... |
| 1900 | Jan | 4 | 10:00 | ... | ... |
| 1900 | Jan | 5 | 10:00 | ... | ... |
| 1900 | Jan | 6 | 10:00 | ... | ... |
| 1900 | Jan | 7 | 10:00 | ... | ... |

...

...

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rebel*

Pomology No. 24485

Orchard location: Section *6* Row *16* Tree *2*

Arlington Accession No. 3025

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102563</i> | : | 1927 - | <i>9/26</i> | <i>107358</i> |
| 1923 - | <i>9/27</i> | <i>104110</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>9/10</i> | <i>107926</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/3, full bloom - very light bloom.*
1925 - *4/14, first bloom; 4/18, 90% buds open.*
1926 - *4/28 " "*
1927 -

Remarks: *Scions received from Prof. W.B. Alwood, Blacksburg, Va. March 25, 1902*

Characterization: *Medium size, roundish cone, sometimes a little sacate. Core very broad, shallow, wrinkled - slightly saucer shape; stem 1" fairly stout, fleshy protuberances; broad, flaring, rather shallow; sepals large, long, somewhat reflexed; eye rather large, partially open; ground color greenish yellow 9/14/26, probably yellow later; well colored fruits pretty (over)*

completely overspread with a bright
red wash, with characteristic streaks
which are mostly narrow, but inter-
spersed with wider stripes, not
a very attractive apple. Dots white
minute, very inconspicuous above
the apex, practically absent elsewhere
+ flesh white or only slightly tinged
yellow, (slightly creamy), a little satiny
fine grain, firm, fairly juicy,
pretty good body, mild subacid
good. Practically in season 7/29/2

See note appended to write up
of Aglab.

Second sheet, Variety

Rebel

167

Storage notes:

11/7/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout), Medium straight crooked. *Tapering straight to top*

Secondary limbs: Numerous medium few; Medium (slender) stout; *to top -*
Drooping. Well branched, somewhat spreading

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout);
1/2 - (1 - 2 - 3 inch) Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

upright, roundish top, fairly tall.

Illustrations:

Tree photographed Neg. No. 47923

Fruit painted *Several*

Fruit modeled

Fruit described *# 1947*

Disease notes by J. W. Roberts:

Fine, symmetrical

*a good tree type -
healthy appearance*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red Astrachan*

Pomology No. 24321

Orchard location: Section *B* Row 15-16 Tree 3

Arlington Accession No. 1903

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 7/10 | 101548 | : | 1927 - | 7/11 | 108170 |
| 1923 - | 7/14 | 103343 | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - 4/26, 25% buds open; 4/29, full bloom.
1925 - 4/14, full bloom.
1926 - 4/28, past full bloom - bloom light
1927 - 4/12, 50% buds open.

Remarks: Scions from N.Y. Agr. Station in 1902.

Characterization: 1927 notes. Good specimens of the variety but not highly colored. Form, as usual, more or less variable, from roundish to slightly oblate, somewhat ribbed. At their overmature ^{light} red with some striping on some fruits. Flesh white, fine grain, tender, rather breaking; subacid, most too sharp for eating out of hand but fruits seem to be well ripened and are richer and higher ^{assort} quality than is usual with this variety.

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| ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... |

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Second sheet, Variety

Red Astrochan.

661

Storage notes:

11/6/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) (roundish) broad flat (spreading).
Central leader: Partially retained disappeared.

Branching: well branched
Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. smooth
Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few); Very medium slender stout;
1/2 - (1 - 2 - 3 inch); Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:
Tree photographed Neg. No. 47897

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Tree B:15:3 apparently died - possibly
in 1924 (apparently before 1927). Reason
not given. bark of main limbs
smooth clean bark of main limbs
is noticeable - just another good
tree.

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VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red Canada*

Pomology No. *24322*

Orchard location: Section *B* Row *15-16* Tree *4*

Arlington Accession No. *1904*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/18</i> | <i>102532</i> | : | 1927 - | <i>9/26</i> | <i>109539</i> |
| 1923 - | <i>9/27</i> | <i>104101</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>10/1</i> | <i>107016</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *no bloom. (Tree 15 out)*
 1925 - *4/14, 50% buds open; 4/16, little past full.*
 1926 - *4/28, center buds open.*
 1927 -

Remarks: *Scions from N. Y. Expt. Station in 1902*

Characterizations: *Notes 1925 & 1927 - Apparently fine specimens each year. Good size, roundish to slightly conic, fairly regular with some indistinct ribbing. Cavity deep, broad; stem about 1/2", fairly stout; basin medium, eye rather small, closed. Dots variable, from minute submerged, inconspicuous about apex to large yellowish areolar, and conspicuous on sides. Flesh tinged yellow, fine grain, tender, juicy, mild subacid, rich, aromatic - one of best in quality.*

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Second sheet, Variety

Red Canada

671

Storage notes: 1927 crop - out of storage 12/31/27

Exam. 1/4/28. Kept well. Prime rating condition. Fairly rich, fairly juicy, tender, mild subacid, good to very good.

Vigor of Tree: Exceptionally strong average weak. Size:

" very poor. Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad (flat spreading), Central leader: Partially retained disappeared.

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many (medium) few; Medium (slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium (few); Very medium (slender) stout;

1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Poor, small, weak tree. Trunk and main limbs "cankered".

Illustrations:

Tree photographed Neg. No. 47909

Fruit painted

several

Fruit modeled

Fruit described

#20991-39580

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red Eiser*

Pomology No. *Apparently not entered in Penn. Jour.*

Orchard location: Section *E* Row *9* Tree *4*

Arlington Accession No. *4208*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | | |
| 1923 - | <i>9/8</i> | <i>103899</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>9/5</i> | <i>106744</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/1, 25% buds open; 5/6 full bloom. very light.*
 1925 - *4/13, first bloom; 4/20, 90% buds open.*
 1926 -
 1927 -

Remarks: *No pomology number on acc. card. Scions from Kansas State Agr. Coll. 7/14/03. Record states they were put in low land and drowned out. The fact a tree was planted in the orchard suggests that at least one graft survived.*

Characterization: *The name Red Eiser appears in a Penn. Buckman list - but there appears to be no record, (here at least) of what the variety is like.*

Characterization: *1925 Notes. Above medium size; ovate conic, regular. Ground color dull yellowish green, overspread with dull red. (over)*

with considerable fine flecking
of buttermilk and whitish bloom.
Bots rather few but conspicuous
(this season) as they appear as small
irregular breaks in the skin.
(Whether this condition is normal
or a seasonal effect cannot
be said). Flesh yellowish, moderate
fine grain, fairly tender, rather
locking in juice, subacid,
pleasant but not of high quality
judged by this season's fruit.
It is too unattractive and too
locking in quality to be of
much value.

(No 2^d sheet)

3/1/26 Tree fine large, healthy,
broad, rather spreading.
Branching normal;
twigs numerous,
slender, bearing
capacity large.

Painting: none

Description: none

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Red Gravenstein

Pomology No. 46748

Orchard location: Section J Row 25 Tree 3

Arlington Accession No. 8585-

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | 9/1 | 109355 |
| 1923 - | | | : | 1928 - | 8/14 | 110266 |
| 1924 - | | | : | 1929 - | 7/23 | 111014 |
| 1925 - | | | : | 1930 - | — | — |
| 1926 - | | | : | 1931 - | 8/13 | 112274 |

Blossom dates: 1924 - no bloom
1925 - 4/15 - full bloom - few cherries only
1926 - 5/3, no bloom - 1/2 bloom
1927 - 4/6, 75% buds open

Remarks: 1928 - 7/20, first bloom; 7/26, 25% of what little bloom there is.

Grafted by Mr. Irwin and taken to Arlington Farm 7/3/10. See Am. Jour. entry for history (see over)

Characterization: 9/8/27 - It was observed that this fruit appeared to be Gravenstein in form, size and appearance, but much more highly colored. It is pretty well covered with medium red striping, in the more highly colored areas the red nearly merging into a solid wash. Oats few, reddish or whitish, very inconspicuous. Flesh tinged yellow, texture a little coarse, tender, lacking in juice, mild subacid, not better than fair - considerably below the quality of Gravenstein (over)

at its best. Neither Gravestone nor any
of its variations have done very well
at Arlington. Same wait past season?

7/17/28. Fruits are small and poorly
specimens of the Gravestone type.
The 'red' part is a misnomer this
year, very little of it having developed.

7/24/28. By far the best developed of
7/24/28 anything received from
Arlington in any season of the
Gravestone type. Apparently good
fruit, quite typical of the variety
with considerable color developed.

again, in 1931 (Aug. 14) the samples
contained some well developed
and well colored fruits -

Considering the above it would
seem that this red strain, did
as a matter of fact, develop better
- when the tree bore than it
had been given credit for doing.

Pam. No. 46745 - Scions of Red Gravestone
received 7/23/10 from C. H. Johnson,
Wolfville, N. S.

Pam. No. 46737. Scions of Red Gravestone
from R. W. Starr, Wolfville. None sent
were sent to Arlington. Not know whether prop.

Second sheet, Variety

Red Gravenstein

674

Storage notes:

Acc. No. 8585-
J: 25:3

11/14/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. mostly off

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium) open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top (round) much broader narrower than tall.

A good type of tree with no special characteristics.

Illustrations:

Tree photographed

Fruit painted Several Fruit modeled

Fruit described #45883 - (whether same variety is?)

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red June*
Pomology No. *Apparently not recorded*
Orchard location: Section *B* Row *15-16* Tree *5*
Arlington Accession No. *5236*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/20</i> | <i>101603</i> | : | 1927 - | | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | <i>7/28</i> | <i>105047</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *Scions received in 1906*
No varietal fruit notes on this lot.

Characterization:
Reg. No. 44712
Paintings: Several
Descriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red Keeper* (see under remarks)

Pomology No. 40585

Orchard location: Section *H* Row *11-ditch* Tree *4*

Arlington Accession No. *6403*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | <i>10/26</i> | <i>102877</i> | : | 1927 - | <i>10/10</i> | <i>109656</i> |
| 1923 - | <i>11/8</i> | <i>104356</i> | : | 1928 - | <i>10/23</i> | <i>110732</i> |
| 1924 - | <i>11/4</i> | <i>106019</i> | : | 1929 - | | |
| 1925 - | <i>10/12</i> | <i>107119</i> | : | 1930 - | | |
| 1926 - | <i>10/26</i> | <i>108698</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/2, 20% buds open; 5/6, 40% buds open.*
1925 - *4/15, 25% " " 4/20, little past full but still buds.*
1926 - *7/30, 25% " "*
1927 - *5/2, past full - still a few petals remain.*
1928 - *4/26, first bloom; 5/1, 20% buds open.*

Remarks:

(No. 6403)
The acc. no. *40585* was this variety simply as "Seedling". Where the name *Red Keeper* came from is not clear. Possibly there is information in the name under the Penn. Jour. No. 40585 entry. In 1924 fruit card it was noted that this variety

Characterization:

At a glance the specimens in 1926 strongly suggested *Callins* and would likely have been identified had they been sent in for that purpose. Size medium to good, smooth except a little ribbing via some fruits, oblate conic, regular, uniform. Ground color yellow, nearly completely obscured with fairly heavy wash of bright red, with indistinct stripes and splashes of darker red; dots numerous (over)

light yellow, submerged, inconspicuous &
apex, larger and more conspicuous on
also on sides a few brownish, raised.
Covety medium depth, fairly broad, ex
what saucer shape; stem slender, $\frac{5}{8}$ " ; 6
medium depth, rather broad, slightly wrink
sepals long, partially reflexed; eye large, 1
open because of space between sepals rat
than because they are reflexed. Flesh with
grain rather coarse, firm, looking in
very mild subacid, nearly neutral. A. 6
helper. Some of notes indicate fair
good quality, most of them imply to
poor to be of value, though very attract
and a good helper.

Second sheet, Variety

Red Keeper

671

Storage notes: Crop 1926. Out of storage 3/24/27 Exam. 3/31/27

Firm and hard but considerable decay. Flesh breaking, looking in juice, nearly or quite sweet, a little flat, lacks richness. Not a bad, fairly acceptable as sweet apple.

Crop 1927. Out of storage 3/27/28 Exam. 3/28/28. In office refrigerator meanwhile. Firm, hard, excellent condition - just a little acid - most fruits are from front; almost sweet, flat, poor quality.

Crop 1928. Struck 10/7; out 11/10/28 Exam. 11/17/28. Firm, solid

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large (medium) small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading). Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) Medium slender stout; Drooping.

Twigs: Many medium (few) Medium slender stout; Long (medium) short; (Straight) branched twiggy; Medium (open) dense; Willowy.

Spurs: Very many medium (few) Very (medium) slender stout; (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly (same) (considerable) slight none

General aspect of tree: Medium slender (open) dense stocky grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted several

Fruit modeled

Fruit described #39761 - 85621

Disease notes by J. W. Roberts:

but some fruits show considerable decay, nearly neutral, looks like and rich.

10/20/28

more than most but yet seems to have adequate bearing surface.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red Rambo*

Pomology No. 24503

Orchard location: Section *C* Row *23-24* Tree *3*

Arlington Accession No. *3048*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/23</i> | <i>102321</i> | : | 1927 - | | |
| 1923 - | <i>9/27</i> | <i>104103</i> | : | 1928 - | | |
| 1924 - | <i>9/15</i> | <i>105376</i> | : | 1929 - | | |
| 1925 - | <i>10/3</i> | <i>106948</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *4/20, first bloom; 5/2, full bloom.*
1925 - *4/14, 50% buds open; 4/18, " "*
1926 - *4/20, center buds open - trees poor.*
1927 -

Remarks: *Scions received 7/5/22 from H. C. Cook, White Salmon, Washington.*
10/23 An apple of Red Canada type and quality; flesh remarkably crisp and breaking. Specimens in 1924 must have been something else. Though suggestive of Red Canada in appearance, the flesh was rather tough, moderately juicy, much subacid, rather flat, not much good. But the 1925 notes reflected the apple of 10/23.

Characterization: *1925 notes. Medium size, roundish, regular except for indistinct ribbing. Ground color yellow, nearly covered with a deep, dark red overspread with faint suggestion of striping; dots numerous, yellowish, submerged, conspicuous. A heavy bluish bloom. Very attractive in appearance. Flesh yellowish, fine grain, tender, juicy, (over)*

field subacid, rich, exceptionally
high quality.

A good many of the founts were
cracked, mostly longitudinally, but
some running crosswise -
horizontally, through the skin. No
rotted in any other season. May be
born due to seasonal conditions

Second sheet, Variety

Red Rambo.

679

Storage notes:

11/28

Vigor of Tree: Exceptionally strong average weak. Size:

Very poor Exceptionally large average small.

Both trees practically dead.
Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #105376

Fruit modeled

Fruit described #10705

Disease notes by J. W. Roberts:

Reached medium size, then trunks
and main limbs became very severely
attacked by some canker-like
disease - apparently the disease has
been in progress for some time.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red Siberian (Crab)*

Pomology No. *40592*

Orchard location: Section *H* Row *13* Tree *3*

Arlington Accession No. *6407*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/1</i> | <i>102219</i> | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | <i>8/14</i> | <i>110267</i> |
| 1924 - | <i>8/29</i> | <i>105208</i> | : | 1929 - | <i>7/30</i> | <i>111027</i> |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>8/27</i> | <i>107799</i> | : | 1931 - | <i>8/13</i> | <i>112275</i> |

Blossom dates: 1924 - *5/1, full bloom.*
1925 - *4/15, " - few clusters only.*
1926 - *4/30, "*
1927 - *4/9, 50% buds open; 7/26, full bloom.*

Remarks: *Scions through Mr. Lavin 3/27/08 but apparently from Oscar P. Lagarde, Stettin, Prussia under name "Roth" - Red.*

Characterization: *Small, except for a crab, 3/4" - 1/8" in diameter; roundish, fairly well covered with a thin overcoat of bright red; a light bluish bloom; stem about 1/2", very slender; flesh very acid; very astringent.*
9/3/26.

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Second sheet, Variety

681
Red Siberian (ac. No. 6407)

#113: 3

Storage notes:

10/10/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light (dark) normal. *good condition*

Habit of Growth: Very (upright) roundish broad flat spreading.
Unsymmetrical Central leader: (Partially retained disappeared).

Branching: *well branched*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
(1/2 - 1) 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *none*

Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

(#114:3) was labeled Red Siberian but
tree is a large upright open type. Fruit
is yellow, russet, dry. Branch crab-like
thing of no value.

1910, the first year of the new century, the world was in a state of great excitement and anticipation.

All eyes were turned to the East, where the sun was rising on a new day of hope and progress.

The people of the world were looking forward to a better future, a future of peace and prosperity.

It was a time of great change and transformation, a time when the old world was giving way to the new.

The people of the world were looking for a new direction, a new path to follow.

They were looking for a new vision, a new dream, a new hope. They were looking for a new way of life, a new way of thinking, a new way of feeling.

They were looking for a new world, a new world of peace and harmony, a new world of love and understanding.

And so it was that the world was born again, a new world of hope and promise.

And so it was that the world was born again, a new world of hope and promise.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Red streak* (see under Remarks)

Pomology No. *42888*

Orchard location: Section *J* Row *21-22* Tree *2*

Arlington Accession No. *7176*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/26</i> | <i>101624</i> | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | <i>8/1</i> | <i>110268</i> |
| 1924 - | <i>8/21</i> | <i>105126</i> | : | 1929 - | <i>7/12</i> | <i>111015</i> |
| 1925 - | — | — | : | 1930 - | <i>7/29</i> | <i>111494</i> |
| 1926 - | <i>7/28</i> | <i>107662</i> | : | 1931 - | <i>7/30</i> | <i>112270</i> |

Blossom dates: 1924 - *5/2, full bloom*
1925 - *4/15, part full bloom*
1926 - *4/30, 75% buds open*
1927 - *4/16, 10% " "*

Remarks: 1928 - *4/20, first bloom; 4/26, 50% buds open; 5/11, full bloom.*
Scions received 3/22/09 - see over

In all the fruit and orchard records the name appears as *Red Striped*. How this happened is not clear. The acc. Record card gives the name very clearly as *Red Streak*.

Characterization: The apple, in size, appearance and quality, apparently varied widely in different years. Size varied from small through medium to good size; form from roundish conic, to elongated with apex sharply conic. Ground color yellow, usually with very little striping. Open core formation not unlike cherango. Flavor very mild, at best mildly subacid, some seasons rated as fairly rich, usually pleasant; at best apparently more desirable for eating than most varieties of its season (over)

but some years it was too small
to merit much credit; in others
its general rating was "no good".

This entry = No. 42888 records
specimens of Redstripe received
11/9/08 from Col. S. B. Brackett.
His source of specimens is not given.
— Receipt and distribution record
for 1909 indicates Col. Brackett
probably sent specimens from
his old home base at Sumner,
Iowa.

Second sheet, Variety

Red streak (acc. No. 7176)

8:21-22:2.

Storage notes:

11/2/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal. 50% ff.

Habit of Growth: Very (upright roundish) broad flat spreading,
Central leader: Partially retained (disappeared.)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium (slender) stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very (many) medium few; Very (medium) slender stout;
1/2 - (1 - 2) - 3 inch; Mostly (Branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted None. Several Fruit modeled

Fruit described # 18618 - Red streak

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Red Sweet

Pomology No. 24518

Orchard location: Section D

Row 11-12 Tree 2

Arlington Accession No. 3083 (see also acc. No. 6431 - Red Sweet. #231)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 8/11 | 102253 | : | 1927 - | | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | 9/13 | 105377 | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - 4/25, first bloom
1925 - 4/14, 90% buds open.
1926 -
1927 -

Remarks: Only the above 2 orchard records available. What relationship, if any, exists between acc. No. 3083 (Pom. No. 24518) and acc. No. 6431 (Pom. No. 40649) can not be stated. Likely reference to the Pom. No. entries would supply information. Since 2 No. 3083 were received 7/3/02 from Rev. S. M. Swine, Geneva, Kansas.

Characterization: 9/25/24. A medium sized, roundish cone, red striped apple. Flesh yellow, rather dry, but pleasant if one likes a sweet apple. 3/1/26. Tree something of Northern type but lower twigs droop slightly. Rather upright branching normal but twigs straight and long (No 2d sheet over)

See
Reg. No. 44741

Painting: None

Description: None

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Red Sweet

Pomology No. 40649

Orchard location: Section # Row 23 Tree 1

Arlington Accession No. 6431 (see Acc. No. 3051, D: 11-12:2 also Red Sweet)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/6 | 102507 | : | 1927 - | 9/6 | 109356 |
| 1923 - | 9/3 | 103887 | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | 9/1 | 107927 | : | 1931 - | | |

Blossom dates: 1924 - 5/2, full bloom - bloom light.
1925 - 4/15, first " ; 7/50, past full bloom.
1926 - 4/30, 75% buds open.
1927 - 4/25, first bloom; 5/1, 90% buds open.

Remarks: Scions received 3/27/08 (see over) what, if any, relationship existed between these 2 accession numbers under the same name is unknown. Likely information under Pom. No. entries 40649 and 24578 would settle this point. Both are apparently dry fleshed sweet apples. The earlier number came from Rev. S. M. Irwin - likely the later one may trace to him through W. M. Irwin.

Characterization: Size medium to above, somewhat roundish to somewhat oblong conic; lobes sometimes unequal; in 1927 some details were compared with Isham since appearance of the two is very alike to cause confusion. Cavity of Isham is very deep and narrow - more pronounced than with this apple. The basin is wider than that of Isham; eye commonly open while eye of Isham is usually closed. This apple is usually covered about the cavity; Isham is not; (over)

ground color greenish yellow (9/10/26) - yellow
(9/8/27) pretty well overspread with orange
red stripes which sometimes merge into
nearly a solid red. dots variable, more
numerous, fairly large, sometimes areolar,
sometimes fairly conspicuous, or brown
or yellowish color. skin merges closely
color of surface and is inconspicuous.
A light white bloom. Flesh yellowish
very close in color to Isham, grain
rather coarse, rather dry, inclined to be
fairly rich, pretty good as a sweet apple
of flavor of Isham and this apple much
the same, but Isham is a little richer.
The dryness of flesh of this apple
is a noticeable feature.

Pam. No. 40649 records series designated as
No. 11753 (Red Sweet) from private
collection of W. H. Erwin, Eckington
viewed 3/25/08. No. 11753 records
series of "Red Sweet" followed by (?)
viewed 4/6/96 from J. M. Erwin
[W. H. Erwin's brother], Geneva, Kansas.

Second sheet, Variety

Red Sweet (acc. No. 6431
H: 23:1)

Storage notes:

10/5/28

Tigor of Tree: Exceptionally strong ^(below) average weak. Size:
Exceptionally large ^(below) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained ^(now by) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium (slender) stout;
Drooping. ^{well branched}

Twigs: Many (medium) few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;
Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none.

^{well distributed along limbs}

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

No comment - apparently healthy but rather small.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Prune des Pommes* (French Crab)

Pomology No. 46406

Orchard location: Section *J*

Row

16 Tree 3

Arlington Accession No.

8189

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | <i>10/1</i> | <i>108353</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/2*, 40% buds open - *5/6*, full bloom. Bloom very light.
1925 - *4/15*, first bloom; *4/20*, 90% buds open.
1926 - *5/1*, full bloom.
1927 - *4/26*, buds showing red; *5/2*, 50% buds open.

Remarks: Why only a single picking record is in the files is not clear - unless the others have some how been wrongly filed - in which case they may turn up. Schaefer received 310/10 from Va. Expt. Station

Characterization: 1926 Notes. Size about medium; roundish cones. Ground color yellowish, nearly covered with dull red and some striping. Coarse leather cracking, russet areas and raised dots make a very rough finish (some of these coarse markings may be skinned). Flesh yellowish, fairly fine grain, tough, quite juicy, very mild subacid or nearly sweet; distinctly bitter. Likely of value for juice purposes - nothing else.

Inventory of the
Library of the
University of California

Part 1

Books and pamphlets

1800-1850

1. *History of the United States*
2. *Geography of the United States*
3. *Political Science*
4. *Law*
5. *Medicine*
6. *Science*
7. *Arts and Letters*
8. *Religion*
9. *History of the World*
10. *General History*

| Author | Title | Year | Notes |
|------------------------------------------|-------|------|-------|
| 1. <i>History of the United States</i> | 1800 | 1800 | |
| 2. <i>Geography of the United States</i> | 1800 | 1800 | |
| 3. <i>Political Science</i> | 1800 | 1800 | |
| 4. <i>Law</i> | 1800 | 1800 | |
| 5. <i>Medicine</i> | 1800 | 1800 | |
| 6. <i>Science</i> | 1800 | 1800 | |
| 7. <i>Arts and Letters</i> | 1800 | 1800 | |
| 8. <i>Religion</i> | 1800 | 1800 | |
| 9. <i>History of the World</i> | 1800 | 1800 | |
| 10. <i>General History</i> | 1800 | 1800 | |

11. *History of the United States*
12. *Geography of the United States*
13. *Political Science*
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28. *Religion*
29. *History of the World*
30. *General History*

31. *History of the United States*
32. *Geography of the United States*
33. *Political Science*
34. *Law*
35. *Medicine*
36. *Science*
37. *Arts and Letters*
38. *Religion*
39. *History of the World*
40. *General History*

Second sheet, Variety

Reine des Pommes.

Storage notes:

acc. No. 8189

J:16:3.

11/14/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. all #.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: (Very many) medium few; Very medium slender (stout);
(1/2 - 1 - 2 - 3 inch); Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open) dense stocky
grower; Top (round) much broader narrower than tall.

Slender branches lined with spurs are striking.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

151

Variety: *Reynard*

Pomology No. *28337*

Orchard location: Section *E* Row *16* Tree *2*

Arlington Accession No. *4295*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/1</i> | <i>102482</i> | : | 1927 - | | |
| 1923 - | <i>9/3</i> | <i>103875</i> | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105187</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/1, 75% buds open; 5/6, full bloom - very light!*
 1925 - *4/14, 90% " "*
 1926 -
 1927 -

Remarks: *Received from T.A. Farand, South Haven Substation, South Haven, Mich, 3/9/03.*

In 1923 the fruit was a large greenish yellow apple, coarse grain, subacid which did not seem to accord with Mr. Farand's description of the variety on file. In 1924 the fruit checked better with the description and may have been OK - possibly both years.

Characterization: *1924 Notes.*

Size is comparable with description, as is the bluish tint developed; also cone formation. As grown at Arlington it surely does not approach "very good" in dessert quality. It is hardly acid and has a flavor not entirely pleasant. Possibly it shows "pale effect" when grown at Arlington. In any event this apple, whatever it may be (over)

appears to merit no consideration
here

3/2/26. Tree small, 100'; may be
crown full. Spreading,
branching normal. Many
spurs on twigs and small
limbs.

Painting: None
Description: #26094

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rhode Island Greening*

Pomology No. *28423*

Orchard location: Section *E* Row *26* Tree *4*

Arlington Accession No. *4322*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | <i>9/25</i> | <i>106916</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *7/1, 30% buds open; 5/6, 90% buds open*
1925 - *7/14, 20% " " ; 7/20, white frost full*
1926 - *and sets few buds.*
1927 -

Remarks: *Scions received 3/13/03 from W. Y. Lupt. etc*
Why there should have been only one picking
record for this lot is difficult to understand.
✓ here are supposedly storage notes in
an Arlington packet under date of Jan 8/26

Characterization: *Notes Oct. 3, 1925. Fruits unusually large*
for the variety, slightly oblate conic. Color distinct
ly green, with a slight suggestion of blush on an
occasional fruit. Dots numerous, variegated from
light colored, inconspicuous, submerged, to fruit
good size, brownish dots, generally distributed and
fairly numerous which represent minute cracks
in the skin, giving a coarse poorly finished
fruit compared with the apple from the South.
Flesh whitish, fairly fine grain, tender, quite
(over)

juicy, rather sprightly subacid, fairly good, though not as high quality as northern grown fruit of the variety. There is an absence of the characteristic flavor of the variety at its best.

Taking into account all the negative characteristics of these & differing from the type of the variety it is somewhat doubtful if the would be identified as Rhode Island Greening but they have been sent in for that purpose, or received without a name. However one of the fruits do show sufficient characteristics typical of the variety to leave little doubt as to correctness of the identification.

(No 2^d sheet)

3/3/26 Tree low head, broad spreading; not quite typical of variety but may be OK. Branching and twigs normal. Many spurs.

Neg. NO. 42658

Paintings: Several

Descriptions: # 2521 - 42594

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Probably Rhode Island Greening (See under Remarks)

Pomology No. 24346

Orchard location: Section B Row 25-26 Tree 2

Arlington Accession No. 1928 (see under Remarks)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <u>9/26</u> | <u>109537</u> |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | <u>10/5</u> | <u>106949</u> | : | 1930 - | | |
| 1926 - | <u>10/11</u> | <u>108354</u> | : | 1931 - | | |

Blossom dates: 1924 - 5/11, 50% buds open.
1925 - 4/14, 25% " " ; 4/16, full bloom.
1926 - 4/28, center buds open.
1927 -

Remarks: Scions of this acc. No. 1928 were received in 1902 from the N. Y. Expt. Sta. According to the record the variety should be "Two faced", which is apparently an undescribed variety in the Gen. Buckman list. All the orchard records appear to be under the name Rhode Island Greening, when and by whom the shift was made is not known. However, the fruit possessed, in rather full

Characterizations: degree, all the characteristics of Arlington Greening. Whether it actually was that variety or not is not likely ever to be known. According to the records Acc. No. 1906 (Gen. No. 24324) consisted of scions of Rhode Island Greening from the N. Y. Station received in 1902, as were the scions of Two faced. So far as recalled we have no record of any fruit (over)

Under acc. No. 1906. Trees of this acc. were planted, according to the orchard map at B: 17-18:1. A further check may bring to light unidentified fruit under acc. No. 1906, in which case might be two found, the scions acc. No. 1906 and #1928, both received from the N.Y. Station in 1902. Were transposed, or the labels were transposed thus confusing these 2 lots.

Characterization: 1925. Fruit typical, Arlington-grown Rhode Island Greening in rougher, coarser finish than in North. Apparently fruit is more markedly round, or sometimes elongated, than in North, but 1926 + 1927 shape was typically oblate, sometimes a little conic. Sometimes ribbed. Oats variable - submerged and inconspicuous, others brownish, elongated raised, giving a rough unattractive fruit flesh yellowish, inclined to be coarser than in North but not always. Tender, sprightly subacid until fully ripe.

10/5/26 Prime eating condition.

9/5/27 Too immature for quality test.

10/5/26 Better rot developing considerable

Second sheet, Variety

Rhode Island Greening ? 192

(B: 25-26: 2)

Storage notes:

1927 Crop.

cut & storage Dec 31/27. Exam 15/28.

Kept well. Probably fine eating condition though far from its best compared with northern grown fruit of the variety. Fine grain, tender, moderately juicy, mild subacid without distinctive varietal flavor

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad flat spreading)
Central leader: Partially retained disappeared.

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout); 1/2 - (1 - 2 - 3 inch); Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47902

Fruit painted

Several

Fruit modeled

Fruit described

2521-42394

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Richard Graft*
Pomology No. *Apparently not recorded.*
Orchard location: Section *J* Row *15* Tree *1*
Arlington Accession No. *5248*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/6</i> | <i>102507</i> | : | 1927 - | <i>9/21</i> | <i>109450</i> |
| 1923 - | <i>8/23</i> | <i>103854</i> | : | 1928 - | <i>9/8</i> | <i>110367</i> |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | <i>9/23</i> | <i>106866</i> | : | 1930 - | <i>8/20</i> | <i>111540</i> |
| 1926 - | <i>9/11</i> | <i>107928</i> | : | 1931 - | <i>9/16</i> | <i>112305</i> |

Blossom dates: 1924 - *5/2, 90% buds open; 5/6, full bloom - bloom very light.*
1925 - *4/15, 25% " " ; 4/30, part full but still few buds.*
1926 - *4/30, center buds open - light bloom.*
1927 - *4/26, first bloom; 5/11, 30% buds open.*

Remarks:

Tree J:16:1 differs from the above and is likely a sprout from the rootstock. Both were apparently entered in the orchard records under name Richard Graft - serious from Wm H. Harrison & Sons, Lebanon Springs, N.Y. 3/31/06.

Characterizations

Little was done with specimens in 1922 & 1923. In 1925, it did not seem that the fruit could be Richard Graft, apparently because it was so lacking in the high quality ascribed to it by Beach in apples of N.Y. In after years it was regarded as likely correctly named. Notes that follow are composite of several seasons observations:
Size medium to fairly large, quite regular, slightly ribbed. Core deep, abrupt, considerable russeting varying from year to year; stem 1" slender; basin fairly deep and wide; sepals somewhat converged; eye closed. Ground color yellow, partially overfaded with bright red stripes and splashes, some fruits being nearly (over)

covered with red. Making a very attractive
apple. Bots moderately numerous, which
conspicuous or not depending on surface.
Flesh yellowish, grain a bit
coarse, fairly juicy, sprightly subacid
moderately rich, pretty good.

9/24/27 Fruit was overripe; it was then
mealy, decidedly lacking in juice, but
still fairly good flavor. It was then
mild subacid in contrast to almost
sprightly acid in one or 2 other years.
Prime eating condition 9/25/28

Second sheet, Variety

Richard Graft
J:15:1

194

Storage notes:

Tree J:16:1 was apparently a spurious -
likely a sprout from the root stock. The
fruit was discarded. But in the tree notes
no distinction was made. Fact that the
trees were different being overlooked. Presumption
is that they were of the same general type.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading).
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium-few) (medium) slender stout;
Drooping.

Twigs: Many medium (few) (medium) slender stout; Long medium
(short) (straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense stocky
grower; Top (round) much broader narrower than tall.

But little growth ~~in 1925~~ of twigs and secondary
limbs.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

#7405-27146

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Robison

Pomology No. 50475

Orchard location: Section K Row 23-24 Tree 1

Arlington Accession No. 10868

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <u>10/4</u> | <u>109608</u> |
| 1923 - | <u>9/3</u> | <u>103873</u> | : | 1928 - | | |
| 1924 - | <u>10/4</u> | <u>106045</u> | : | 1929 - | | |
| 1925 - | <u>9/16</u> | <u>106825</u> | : | 1930 - | | |
| 1926 - | <u>11/1</u> | <u>108699</u> | : | 1931 - | | |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

Scions received 4/3/11 by mail without any letter. Reference was made to back of fruit salable card for 1925 to fruit received from W. A. Robison, Pabeside, Wash. but raises a question as to whether the specimens from Arlington could have been the same as received from this source. Question is as to what this particular apple is supposed to look like.

Characterization:

Notes comparative, several seasons!
Size medium to above, slightly oblate - in form similar to Callins Red. In size comparable also with that variety. Core medium; stem $3/4$ " to 1 " slender; basin shallow broad, ribbed; sepals small; eye large, very open; - some fruits eye partially closed because of better development of sepals; * caused visible russeting about stem - did not influence passerby by unusual conditions; ground color rather rich yellow, highly colored fruits are pretty (over)

well overexposed with heavy bright blue
red with shaded side showing. Luscious
taste numerous, variable, yellowish, to
sub-vase, on sides brownish, raised
appearing as minute cracks in skin,
times scellar, sometimes areolar; some
rather cracking. Suggest finish of
colored but with developed Hubbard
fish yellowish, fairly fine grain, to
cracking, quite juicy, mild sub
rather rich; a little better than good
flavor slightly suggests Hubbard
- though not as high quality but
desirable. Probably better quality
11/5/36. Same watercove in 1927.

Second sheet, Variety

Robinson (acc. No. 10868) 696

Storage notes: 1926 Crop. Out of storage $7/11/27$; Exam. $7/16/27$
Has kept well, still firm and quite solid. $7/16/27$
Some fruits slightly shriveled. Flesh as described,
fairly rich, "well above good in quality. One
of but flavored, any jammed recently, would
seem to merit same follow-up.

1927 Crop. Stored $10/27$; out $7/28$; Exam. $7/28$. Kept
well; no scald; still quite firm, fine grain, considerable
body; quite juicy, mild subacid; pleasant but not rich;

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
 $1/2 - 1 - 2 - 3$ inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

Variety Apple Orchard
Arlington Farm.

677

Variety: Rome Beauty.

There were 7 or 8 different lots either supposed to be, or identified as Rome Beauty, but there was much confusion and numerous errors in the accession records, the handling of trees or scions during propagation and nursery operations, including some, apparently in the harvesting and labeling of the fruit that the final results are very unsatisfactory. Because of uncertainties, differences in source of materials and for other reasons incident to the confused condition of the records, it is necessary to treat each lot separately - at least to a certain extent.

Variety: Scion renewed in 1902 from the N.Y. exp. station, supposedly as

Cullasaga. Cullasaga (as name appears in Pom. Jour. & Receipts)

Pom. No. 24244

Orchard location: A:12:3

Acc. No. 1526 (Cullasaga) should be Cullasaga

No record in the literature of name Cullasaga but the name Cullasaga for a North Carolina apple appears in B.H.J. Vol 56

Variety: Scions received in 1902 from the N. Y. Expt. Station under the name Starbuck. Since this name is a recognized, though rarely used synonym of Rome Beauty, and since the fruit was considered to be that variety, it is assumed that the name Rome Beauty is correct.

Pom. No. 24333

Orchard location: B: 19-20: 4

Acc. No. 1915. (Starbuck) ^{In Proc. N. Y. Hort Soc 1901} p 76 ^{locust} Beach reports Starbuck as Rome Beauty

Variety: Scions received from the N. Y. Expt. Station 3/13/03 under the name Bismarck*. Since the fruit was apparently considered to be typical Rome Beauty and since the fruit of these 2 varieties could hardly be confused one for the other, it is assumed that a mistake occurred somewhere along the line whereby Rome Beauty was substituted for Bismarck.

* This was then verified by reference to the Rome Beauty under # 28414

Pom. No. 25414
Orchard location: E: 23-24: 2

Acc. No. 4315 (Bismarck)

Variety: Rome Beauty
Pom. No. [no entry appears in Lib. Jour. Receipts for this
line #85
7-15-43]
Orchard location: J: 9:5-
acc. No. 4984
2 trees received 4/10/05 from Geo. J. Foster,
Normal, Ill. Since no question was
raised regarding identity of the fruit it
is presumed it was authentically named.

Variety: "Red" Rome Beauty
Pom. No. 40539 (see description sheet)
Orchard location: H: 9-10:5-
acc. No. 6394

Scions received 3/27/08 from W. H. Irvine.
Fruit was apparently fairly typical Rome
Beauty. High color was noted in 2 or 3
seasons was mentioned, but inferior
coloring was also observed. It may
have been an especially well colored
clone when fully developed.

Variety: Scions received 7/11/08 from
N. Y. Expt. Station as Besenmark and
trace to same source as acc. No. 4315
(unless scions came direct from that nursery)
and since No. 4315 proved to be Rome
Beauty - so identified - it consequently
follows that this, too, was Rome Beauty.
Pom. No. 28414.
Orchard location: V: 3:1
acc. No. 6596

4.
Variety: Record lacking. Possibly a
Rome Beauty red strain.

Pom. No.

Orchard location: L: 21-22: 3

Acc. No.

Records of source and identification
lacking but fruit appeared to be
well developed, highly colored Rome Beauty

Variety: Records lacking. Fruit
appeared to be especially well
developed and highly colored
Rome Beauty

Pom. No.

Orchard location: L: 21-22: 4

Acc. No.

Some seasons fruit developed
a solid red color

The more detailed fruit and
tree characteristics follow

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rama Beauty* (Record as *Cullasaga*)

Pomology No. *24244*

Orchard location: Section *A* Row *12* Tree *3*

Arlington Accession No. *1826* (*Cullasaga*)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/7</i> | <i>102774</i> | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | <i>11/4</i> | <i>105948</i> | : | 1929 - | | |
| 1925 - | <i>10/11</i> | <i>107017</i> | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108700</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/3, 75% buds open.*
 1925 - *4/16, 25% " " ; 4/22, 90% buds open.*
 1926 - *4/27, first bloom*
 1927 -

Remarks: *Scions from N. Y. Dept. Sta. 1902.*
See statement on primary sheet.

Characterization: *Few details were recorded. Fruit was apparently regarded as fairly typical of Rama Beauty for this section but varied considerably from season to season - which was natural*

1941-1942 1941-1942

1941-1942
 1941-1942

| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |
|-----------|-----------|-----------|-----------|-----------|
| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |
| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |
| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |
| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |
| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |
| 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 | 1941-1942 |

1941-1942
 1941-1942
 1941-1942
 1941-1942

Second sheet, Variety

Rome Beauty (A:12:3) 402

Storage notes: Crop of 1926, storage notes refer to those of Apr. 1, 1927 for acc. No. 6399.

These indicate the fruit was in excellent physical condition - no shriveling; very little scald. Flesh bright yellow, fine grain, quite tender, fairly juicy, very mild unacid, almost neutral or sweet. Probably as good in quality as Rome Beauty gets - at least it is below good. Some fruits distinctly on acid side. Amount of juice is surprising.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large Good - medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading) Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium (slender) stout; (Long) medium short; Straight branched twiggy; Medium open dense; (Willow, drooping)

Spurs: Very (many) medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; (Terminal bearing mostly considerable) slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts: Tree very characteristic in its many branches and drooping twigs; in the terminal bearing with subsequent branching of the terminals. Much like Pundevore in the number of twigs but twigs are curved - not straight.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rome Beauty (Starbuck)*

Pomology No. *24333*

Orchard location: Section *B* Row *19-20* Tree *4*

Arlington Accession No. *1915 (Starbuck - syn. of Rome Beauty)*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | <i>10/20</i> | <i>108701</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/1, first bloom.*
 1925 - *4/14* " " ; *4/16, 40% buds open.*
 1926 - *4/28* " "
 1927 - *5/2* - past full, some petals remain on tree.

Remarks: *Only a single picking record of this lot was made (or is available) is not clear.*
Scions from N.Y. Agr. Sta. 3/6/02 - see note on cover sheet for no. 24333.

Characterization: *Note for 1926 states development, fruit were comparable with acc. No. 1826 in general attractiveness but fruit averaged considerably smaller. Rather small for the variety - but pretty well colored and finished.*

Second sheet, Variety

Storage notes:

Rome Beauty
acc. No. 1915 (B: 19-20: 4)

704

11/7/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading. (Secondary branches)
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched ^{twigg} ~~twiggy~~; Medium open
dense; Willowy, ~~drooping~~ with upward curved ends.

Spurs: Very (many) medium few; Very medium (slender) stout;
(1/2 - 1 1/2 - 3 inch) Mostly branched unbranched;
Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47911

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

The upright main limbs and very
twiggy terminals make striking appearance.
Secondary branches are small and thickly
covered with drooping twigs with ends
curving upward. Center back on main limbs
looked as if there were many infections of same disease
that were only superficially.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rome Beauty* (Received as Bismarck)

Pomology No. 28414

Orchard location: Section *E* Row *23-24* Tree *2*

Arlington Accession No. *4315 (Bismarck)*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | — | — |
| 1924 - | <i>11/4</i> | <i>105985</i> | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>10/20</i> | <i>108702</i> | : | 1931 - | — | — |

Blossom dates: 1924 - *5/1, first bloom; 5/6, 90% buds open*
 1925 - *4/18, 50% buds open.*
 1926 - *4/30, first bloom (likely by 7/20)*
 1927 -

Remarks: *Scions from N.Y. Expt. Station -*
Received 3/13/03 as Bismarck. Verified by reference to Ann. Jour. entry

Characterization: *11/8/24 good typical specimens of Rome Beauty; good size; fairly well colored.*
11/6/26. Identical with acc. No. 1526, but specimens very poor - undersize, poorly colored, poorly developed. Superior for Rome Beauty. Difficult to explain why the fruit from these trees was so poor this year while it developed normally well on some of the other Rome Beauty trees. Neg. No. 42660 (no 28 sheet)

THE [illegible] [illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rome Beauty*
Pomology No. *no Pom. prev. entry for this item*
Orchard location: Section *I* Row *9* Tree *5*
Arlington Accession No. *4984*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | <i>10/10</i> | <i>102786</i> | : | 1927 - | <i>9/28</i> | <i>109609</i> |
| 1923 - | | | : | 1928 - | <i>10/10</i> | <i>110653</i> |
| 1924 - | | | : | 1929 - | <i>9/30</i> | <i>111271</i> |
| 1925 - | | | : | 1930 - | <i>9/19</i> | <i>111665</i> |
| 1926 - | | | : | 1931 - | <i>10/6</i> | <i>112348</i> |

Blossom dates: 1924 - *5/1, first bloom; 5/6, 90% buds open.*
1925 - *4/15, " " ; 4/20, 75% " "*
1926 - *5/1, 25% buds open.*
1927 - *5/1, 20% " "*

Remarks: *2 trees received 4/10/05 from Geo. J. Foster.*
No mal. Ill.
No question raised as to correct identity
of the fruit.

Characterization: *Notes 10/2, A fairly good lot of the variety.*
Good size, well developed, smooth, pretty well
developed and finished. Roundish conic. Only
as usual - broad, saucer shape; basin rather shallow;
fairly broad; sepals rather long, recurved; eye
usually partially open. Petals will over-ride with
a wash of bright red with faint stripes; dots fairly
numerous about apex, yellowish, submarginal,
inconspicuous, not on sides, scattered, pale
yellow, rather small and inconspicuous.
Flesh yellowish, rather coarse grain, fairly tender,
(over)

a little lacking in juice, with subac-
lacking richness but pleasant; fair in
quantity but this particular lot fairly good
for the variety. $10/8/27$ Not yet fully matured

Other roles too general and record
only second variations.

Second sheet, Variety

Rain Beauty acc. No. 4484
(3:4:5)

Storage notes:

Storage notes refer to similarity
of results with other lots for which
more detailed records appear.

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

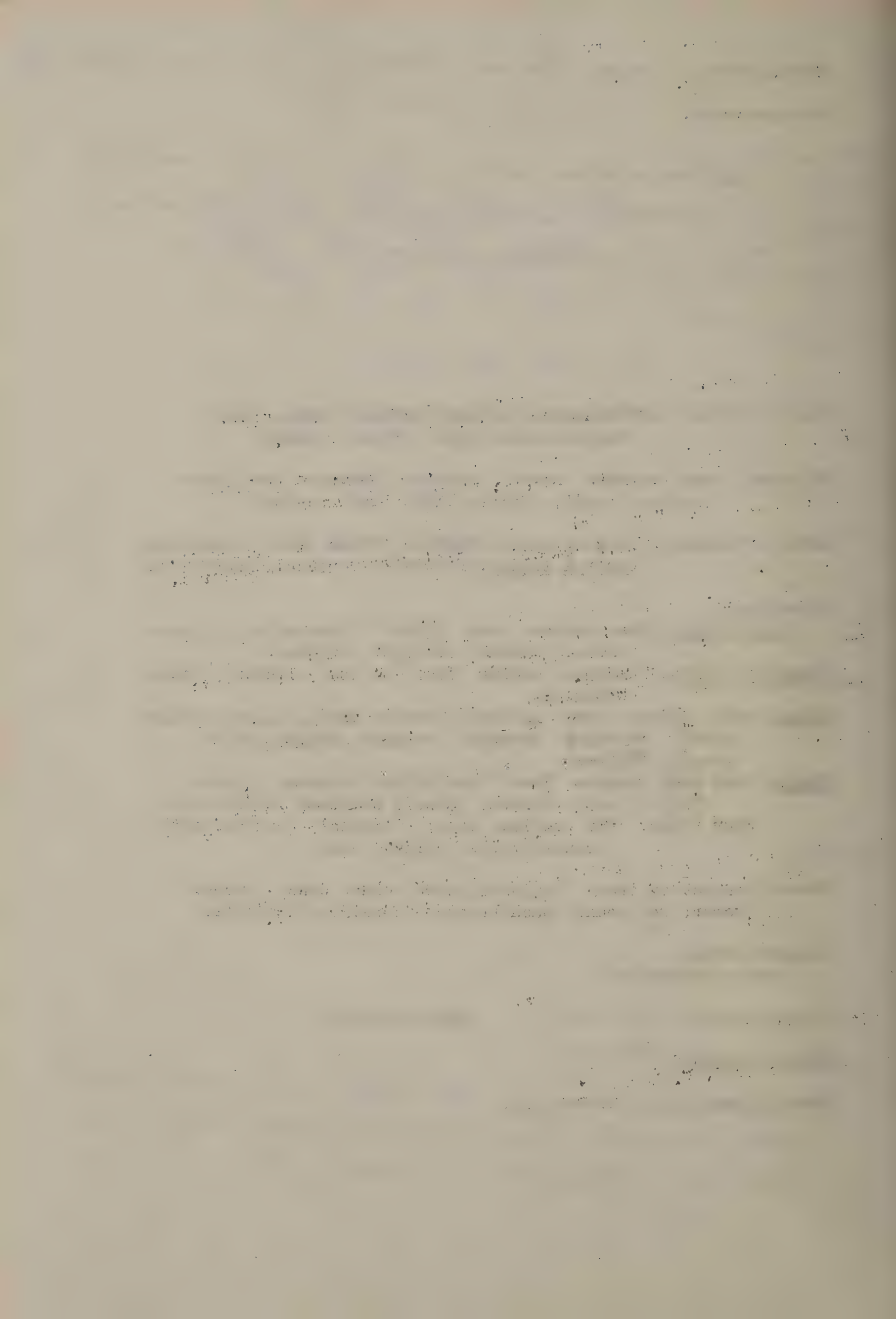
Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

No true notes made - but
reference to true characters as given for
some of other Rain Beauty lots.



VARIETY APPLE ORCHARD
Arlington Farm

Variety: "Red" Rome Beauty

Pomology No. 40579

Orchard location: Section H Row 9-10 Tree 5

Arlington Accession No. 6399

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | 9/28 | 109610 |
| 1923 - | 10/26 | 104311 | : | 1928 - | 10/10 | 110654 |
| 1924 - | 11/4 | 106018 | : | 1929 - | 9/30 | 111270 |
| 1925 - | | | : | 1930 - | 9/19 | 111664 |
| 1926 - | 10/20 | 108703 | : | 1931 - | 10/6 | 112349 |

Blossom dates: 1924 - 5/1, first bloom; 5/6, 90% buds open.
1925 - no bloom.
1926 - 7/30, barely first bloom.
1927⁸ - 7/26, buds just show pink; 5/1, first bloom

Remarks: Scions from W. N. Lowin, 3/27/08 (see over)
Significance of "Red" in name may be stated under the Jour. entry under the Rome No. likely a true strain
In 1924 variety was verified without doubt by "specimens much smaller than lots of Rome but though well colored and typical otherwise."

Characterization: 1927 notes. Fairly good size but rather small for the variety. Roundish conic, sometimes slightly oblate. Core moderately deep, broad, saucer shape, ordinarily no russeting*; basin rather shallow, medium width, mostly subacute, sometimes slightly ribbed. Sepals medium, somewhat converging; eye as a rule fairly open; * stem 1"-1 1/4" slender, ground color yellow when mature; highly colored specimens completely overspread with bright red, frequently with faint, indistinct stripes. Dots scattered, yellowish (over)

sometimes slightly depressed, inconspicuous
+ flesh yellowish, grain a little coarse
somewhat lacking in juice, mild
acid. rather flat - not better than
Comparatively small size of fruit
for Roma Beauty mentioned in several
seasons; also highly developed color
suggesting that "Red" before the name
signifies, in reality, one of the red
varieties, though not much was
being said about it - back in
1908 - as later.

These scions (Pam. No. 40519) were
received from U. T. Cox, Proctorville
Ohio, 3-14-08. - Designated as
Red Roma Beauty from a sprout
at the foot of an old tree.

Second sheet, Variety

"Red" Rome Beauty. Acc No. 6399

Storage notes:

1926 Crop, out of storage 3/1/27. Exam. 4/1/27.
H: 9-10; 5
Excellent physical condition; no shriveling;
very little scald - this late. Flesh tinged yellow,
fine grain, quite tender, fairly juicy, very mild
subacid, almost sweet though some fruits
distinctly on acid side. Probably as good in
quality as Rome Beauty gets but is surely below
good in rating. The amount of juice is surprising but
was so, there is a tendency to meekness, likely due
to age of apple.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium (long) short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium (slender) stout;
(Slightly Drooping)

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched);
Spur twigs: Few medium (many); Terminal bearing mostly
(considerable) slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Peculiar curve to twigs is chief noticeable
characteristic of tree.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rome Beauty* (see remarks)

Pomology No. 28 414

Orchard location: Section *I* Row *3* Tree *1*

Arlington Accession No. 6596

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | 9/8 | 109611 |
| 1923 - | 10/9 | 104131 | : | 1928 - | 10/10 | 110655 |
| 1924 - | 11/4 | 106022 | : | 1929 - | 9/30 | 111269 |
| 1925 - | — | — | : | 1930 - | 9/19 | 111666 |
| 1926 - | 10/1 | 108355 | : | 1931 - | — | — |

Blossom dates: 1924 - —

1925 - —

1926 - 4/30, many center buds open

1927 - 4/26, buds just starting; 5/1, 20% buds open.

Remarks: Pom. and acc. nos. list variety as Bismarck and scions of same were received 4/11/08 from N.Y. Expt. station; these apparently to same source as acc. No. 4315 - or possibly they were taken from No. 4315 - which is supposedly Bismarck. Apparently by mistake I:3:1 was planted to a Rome Beauty but while I:4:1 was Bismarck according to records. Pom. No. 28 414 and acc. No. 6596 are therefore Bismarck - and not Rome Beauty.

Characterizations:
From storage
note Jan. 19/29.

(which contain no data on storage condition of fruit).
Good size, roundish, sometimes slightly conic,
sometimes a little oblate, smooth, regular; *
ground color yellow, nearly overpread with bright
red and more or less striping; dots rather few, rather
large, yellowish, some slightly raised, rather inconspicuous.
* Cavity medium depth, broad, saucer shape; stem
(over)

1" or more, slender; basin medium; eye
medium; sepals rather long, converging;
eye nearly closed.

7 color yellowish, grain a little coarse,
tender, rather lacking in juice, mild
subacid, lacks richness, but when
well grown it is rather pleasant but
not better than fair in quality. No
characteristic flavor.

Second sheet, Variety

Rome Beauty (J:3:11)

Storage notes:

1927 crop. out of storage Jan 14/28
Exam 1/19/28. Excellent condition; no scald,
fairly fine grain, tender, with tendency
to meekness. Lacking in juice, mild
subacid, flat, poor quality.

10-31-28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared,

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
(Drooping).

Twigs: (Many) medium few; Medium (slender) stout; (Long) medium
short; (Straight) branched twiggy; Medium open
(dense); (Willow)

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; (Mostly) branched (unbranched)
Spur twigs: Few medium (many); Terminal bearing mostly
(considerable) slight none

General aspect of tree: (Medium slender - open dense stocky
grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

churchman

Many drooping twigs

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Probably red strains of Rome Beauty* (see Remarks)
Pomology No. *L*
Orchard location: Section *L* Row *21-22* Tree *4* *3-(first pom. no. for each pick - update below)*
Arlington Accession No.

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|-------------|----------------------------|
| 1922 - | | | : | 1927 - | <i>10/4</i> | <i>{109612 109613}</i> |
| 1923 - | <i>9/15</i> | <i>{104001 104015}</i> | : | 1928 - | | |
| 1924 - | <i>10/11</i> | <i>{105470 105471 105472 105473 105474 105475 105476 105477 105478 105479 105480 105481 105482 105483 105484 105485 105486 105487 105488 105489 105490 105491 105492 105493 105494 105495 105496 105497 105498 105499 105500}</i> | : | 1929 - | | |
| 1925 - | <i>9/23</i> | <i>{106867 106868}</i> | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>{108704 108705}</i> | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *No Ann. or acc. records are available. The fruit of both lots appeared to be, as a rule, especially well developed and highly colored Rome Beauty. It is assumed that they were red strains of that variety.*

Characterization: *The variety notes supply nothing of importance - not contained in characterizations elsewhere recorded. Picking dates each year were the same for the 2 lots.*

(20 2nd sheet)

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ronk*
Pomology No. *apparently not recorded*
Orchard location: Section *E* Row *3 - 4* Tree *5*
Arlington Accession No. *4981*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/18</i> | <i>102544</i> | : | 1927 - | | |
| 1923 - | <i>10/8</i> | <i>104202</i> | : | 1928 - | | |
| 1924 - | <i>10/11</i> | — | : | 1929 - | | |
| 1925 - | <i>9/23</i> | <i>106869</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *7/28, first bloom; 5/6, petals mostly off.*
1925 - *7/14, 25% buds open; 8/20, well past full.*
1926 -
1927 -

Remarks: *2 trees received 7/8/05 from Albertson T Hobbs, Bridgeport, Ind.*

Characterization: *Presumed OK but fruit smaller in 1924 than shown in paintings (size not otherwise mentioned) and in no case was color as high as painting shows. Besides, fruit was apparently picked too early every year. Ground color probably yellow with dull red overspread and stripes, or practically no color at all over yellow (or green) likely due to too early pickings. Medium size or above (in 1925), regular, smooth except raised dots that made (over)*

a rather coarse finish - and some
bark over spread. Bark tinged red
moderately fine grain, crisp. Bark
subacid $10/16/24$; sharply acid $10/11$

Too immature in both years for
fruit test; $10/13/23$ indicated good
to very good. $10/16/24$ "at full maturity
it would probably be pretty good
in desert locality.

(No 2d sheet)

3/1/26. Tree good size, sturdy, healthy,
broad spreading, low top, yet
not drooping; branching
normal, many twigs and
spurs.

Paintings: # 20413
49509

Description: # 20413

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rouge du Landel (French Crab)*

Pomology No. 46405

Orchard location: Section *J* Row 15-16 Tree 2

Arlington Accession No. 8188

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 8/23 | 102323 | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | 9/28 | 110596 |
| 1924 - | 9/7 | 105268 | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | 10/1 | 108356 | : | 1931 - | | |

Blossom dates: 1924 - 5/6. full bloom
1925 - 7/20. first bloom
1926 - 5/1. fruit buds just show red.
1927 - 5/5. 25% buds open.

Remarks:

scions received 3/23/10 from Dr. E. A. S. S. S.

Size about 2" in dia; roundish conic, about size of Milam apple, fairly regular. Cavity shallow, medium width, sides flaring; stem 1/4"; basin rather shallow, medium width, sepals

Characterization: covering, eye closed; ground color yellowish with nearly complete wash of bright to dull red with indistinct stripes. - Shade of red may be bright or dull and unattractive. Dots numerous, minute, yellowish, inconspicuous, 7 ash yellow, fine grain, tender, quite juicy, nearly neutral or almost astringent, considerable astringency, astringency and fairly abundant juice may make it of some value for juice purposes.

Second sheet, Variety

715
Rouge du Landel (acc. No. 8188)

f: 15-16: 2

Storage notes:

Crop 1928, stored 10/2; out & exam. 12/28 -
no data on keeping but apparently 11/28 -
it lost flavor since reported to have little
astringency, and not much flavor -
Report does state "seemingly in pretty good
physical condition but perhaps somewhat
past prime"; skin has transpired only part.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

11/14/28

Habit of Growth: Very (upright roundish) broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: Many medium (few) Medium (slender) stout; (Long) medium
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: (Very many) medium few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open) dense stocky
grower; Top round much broader narrower than tall)

(little)

Illustrations:

Tree photographed

Fruit painted # 110 596

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

Characteristics of growth include few
twigs which are long and slender, and
many spurs, some on secondary limbs.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rouge du Landel* ??

Pomology No. *None on record*

Orchard location: Section *K* Row *22* Tree *4*

Arlington Accession No. *10859*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|-------------------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <i>8/25</i> | <i>109358</i> |
| 1923 - | | | : | 1928 - | <i>9/27</i> | <i>110440</i> |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - <i>9/1</i> | | <i>107931</i> | : | 1931 - | | |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

*Scanned received 3/21/11 from Va. Expt. Station,
through Dr. D. M. Shoemaker*

*Though supposed to be same as Acc. No 8188
(2:15-16:2) the conclusion in 1926 was that it could
not be same, yet characterizations leave considerable
in common. 1926. Size medium, roundish conic,
or slightly oblong, slight ribbing, fairly regular; Cavity
narrow, shallow, basin furrowed. Ground color
pale yellow, pretty well overspread with deep red and considerable striping,
stripes disappearing in more highly colored fruits; dots yellowish,
minute, inconspicuous. Flesh quite yellow, a little coarse
grain, tender, juicy, very mild subacid, flat, lacks character.
In 1927 it was noted that this tree viewed cultivation but K:21:4,
apparently identical, did not. Fruit of this tree much larger and
better - 2 1/4" - 2 3/8" in diameter. Flesh and color markings
about same as stated above. Flavor very nearly neutral,
lacks richness, quality poor, but not as flat as most nearly
neutral fruits. But little tannin apparent. Good deal of water content
about core - does not appear in section (No 2d sheet)*

MASSACHUSETTS
DEPARTMENT OF
NATURAL RESOURCES

Pauling: 110 596
Description: None

| Locality | Altitude | Geological | Stratigraphic | Remarks |
|----------|----------|------------|---------------|---------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Section 1
Section 2
Section 3
Section 4

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Roxbury*

Pomology No. *24326*

Orchard location: Section *B* Row *18* Tree *3*

Arlington Accession No. *1908*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/18</i> | <i>10253</i> | : | 1927 - | | |
| 1923 - | <i>10/4</i> | <i>10417</i> | : | 1928 - | | |
| 1924 - | <i>10/8</i> | <i>10568</i> | : | 1929 - | | |
| 1925 - | <i>10/11</i> | <i>107018</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *4/26, first bloom; 5/3, full bloom.*
1925 - *4/14, 50% buds open; 4/16, " "*
1926 -
1927 -

Remarks: *Scions from N.Y. Expt. Station, 1902*

Characterization: *Notes very limited. Apparently fruit developed well at Arlington. 10/24 the note was: "Excellent specimens." 10/13/25 "Typical - best specimens are exceptionally good for the variety." Fresh yellowish, substantially same as Canada Reinette. Flavor is similar, Roxbury being a little coarser grain and milder in acidity.*
(over) *(in 2d sheet)*

3/4/26.

Tree upright, spreading,
roundish; medium trunk
top below medium; main
limbs rather short, stout;
secondary limbs and
twigs bear many stout
spurs

Fig. No. 44731

Paintings: several

Descriptions: 4778-17321

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Royal Jubilee*

Pomology No. 40820

Orchard location: Section *J* Row *1-2* Tree *5*

Arlington Accession No. *6595*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <i>8/15</i> | <i>109280</i> |
| 1923 - | | | : | 1928 - | <i>8/22</i> | <i>110325</i> |
| 1924 - | | | : | 1929 - | <i>8/7</i> | <i>111059</i> |
| 1925 - | | | : | 1930 - | <i>8/14</i> | <i>111520</i> |
| 1926 - | | | : | 1931 - | <i>8/25</i> | <i>112294</i> |

Blossom dates: 1924 - *5/6*. *20% buds open - very light bloom*
1925 - *4/5*. *leaf buds just breaking; 4/20 most advanced leaves about mouse ear stage.*
1926 - *5/1*. *first bloom*
1927 - *5/2*. *95% buds open.*
1928 - *5/1*. *leaf buds just starting.*

Remarks: *Scions received 4/10/08 from H. C. B. Colwell, Muskegon, Mich.*

Adequate information re varietal characteristics lacking to be entirely sure of identity. Size large, in general roundish conic, fairly regular as rule, indistinctly ribbed, calyx sometimes unequal. Cavity medium to broad, sometimes russeted. Stem short, thick; basin shallow; furrow on ground color yellow, slight coppery cast on exposed sides, flesh yellowish, fairly fine grain, rather firm, a little tough though this may be due to immaturity, fairly juicy, sprightly subacid but when fully mature would probably be mild subacid; lacks richness - fair in quality. Apparently fruit picked prematurely every season of record.

Table with 5 columns: Name, Title, Date, Location, and Remarks. The text is extremely faint and illegible.

Below the table, there are several paragraphs of handwritten text, which are also illegible due to the poor quality of the scan. The text appears to be a continuation of a report or a list of notes.

Second sheet, Variety

Royal Jubilee (acc. No. 6595) 719

Storage notes:

11-9-28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *Nearly all* *if*

Habit of Growth: Very (upright) roundish (broad) flat (spreading)
Central leader; Partially retained (disappeared)

Branching:

Main limbs: Very medium long (short) (Very medium) slender
stout; Medium straight (crooked)

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: Many medium (few) Medium slender (stout) Long medium
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender (open) dense stocky
grower; Top round much (broader) narrower (than tall)

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described [#]30560-37743

Disease notes by J. W. Roberts:

*A good, low, spreading type of tree,
swayish, rather open, symmetrical.
Good distribution of spurs.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ruby*

Pomology No. 55749

Orchard location: Section *K* Row *17-18* Tree *3*

Arlington Accession No. *11702*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | <i>9/3</i> | <i>103880</i> | : | 1928 - | — | — |
| 1924 - | <i>10/11</i> | <i>105463</i> | : | 1929 - | <i>8/26</i> | <i>111122</i> |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | — | — | : | 1931 - | — | — |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

Scions received 3/30/12 from Joe King, Marietta (?) Ohio. Said to have come from a tree seed of which was planted by Johnny Applesseed.

Characterization: *Size small, somewhat oblate, distinctly ribbed; cavity broad, shallow; stem 3/4" fairly stout; basin moderately deep, fairly broad; sepals medium, converging; eye medium, closed. Ground color yellow, pretty completely overspread with solid dark red, some indistinct striping with some grayish overspread - very grayish fawn skin. Pals, small, yellowish, inconspicuous. D. light yellowish and satiny beyond that paler than any other known variety; coarse grained, distinctly dry and mealy - almost no juice. Very mild subacid almost neutral, and almost without flavor. Both trees kept for the Johnny Applesseed experiment. Specimens examined May (no 2 & 3) have been somewhat overripe (sheet)*

Painting: # 111122

61594 is Ruby
but a different apple
" "
inscription: 61594 - "

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ruby Gem*

Pomology No. *28472*

Orchard location: Section *7* Row *17-18* Tree *3*

Arlington Accession No. *4377* *481.6740*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/26</i> | <i>101628</i> | : | 1927 - | <i>8/4</i> | <i>109243</i> |
| 1923 - | <i>7/31</i> | <i>103375</i> | : | 1928 - | | |
| 1924 - | <i>8/1</i> | <i>105097</i> | : | 1929 - | | |
| 1925 - | <i>7/28</i> | <i>106508</i> | : | 1930 - | | |
| 1926 - | <i>8/9</i> | <i>107931</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/28, 50% buds open; 5/1 full bloom.*
1925 - *4/15, past full bloom.*
1926 - *4/30, 90% buds open.*
1927 - *4/12, 50% " "*

Remarks: *Received through C. A. Hobbes, 6/19/01, Emerald, Victoria. Trees for Arlington trees from nursery on Pilanes Flats, where grown as Pom. No. 21240*

Characterization:

Medium size or below, roundish, slightly oblate, tending to truncate some seasons. Ground color yellow, sometimes heavy wash of red with indistinct stripes; sometimes red stripes wide and sharply defined with lightly red surface between. Sets variable, some very minute and ~~variable~~ submerged, some small brown and quite conspicuous if on yellow surface. Flesh white, fine grain, tender, juicy, mild, subacid. Pleasant, juicy, rich, pretty good for its season 8/3/25 - but in 1924, picked 8/1 and 8/22 it was given as poor - flat and insipid - but was probably overripe. In 1927 it was regarded as better in quality than most apples of its season. (over)

On the Fanny cards (a: 17-18!!)
as well as on the 1926 + 1927 cards
of Ruby Gem considerable was said
about the similarity of these 2 lots.
Prior to 1925 it was believed they
were both Fanny, but in 1925 they
were held to be not Fanny but
Ruby Gem. Not enough notes were
made on Fanny to be of service
except by inference - that the
characterization of Ruby Gem was
adequate for both. The
question still remains whether the
2 lots were identical; and if so
whether they were Fanny or Ruby
Gem. Apparently in at least
2 seasons they were very closely
similar, to say the least.

Second sheet, Variety

Ruby Gem

722

Storage notes:

1-27-28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad) flat (spreading).
Central leader: Partially retained disappeared.

Branching: well branched - limbs moderately stout.
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked. Bark smooth
Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout)
1/2 - (1 - 2 - 3 inch); (Mostly branched unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49003

Fruit painted

none

Fruit modeled

Fruit described

none

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Rymer (Col's Rymer)*

Orchard location: Section *7* Row *5-6* Tree *5*

Arlington Accession No. *4349*

Pam. No. 28453

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102606</i> | : | 1927 - | | |
| 1923 - | <i>10/4</i> | <i>104179</i> | : | 1928 - | | |
| 1924 - | <i>10/4</i> | — | : | 1929 - | | |
| 1925 - | <i>10/10</i> | <i>107110</i> | : | 1930 | | |
| 1926 - | — | | : | 1931 | | |

Blossom dates: 1924

1925

1926

1927

Remarks: *This is S.P.D. No. 6732. Pam. No. 28453. Received as scions and propagated on the "Flats" (Potomac Flats) under Pam. No. 21709. Little or no information on which to check accuracy of identification. S.P.D. stock from*

Characterization: *C. A. Nobelinus, Sydney, N. S. W.*

Medium size, varying from season to season from below to above medium. Regular, roundish slightly conic. Ground color yellowish, overlaid with bright red and faint stripes; light buff-milk overcast. Dots numerous, submerged, yellowish, mostly inconspicuous. General effect is a little suggestive of Baldwin but without the Baldwin dots. Flesh white or only slightly tinged yellow; somewhat waxy; rather acid, too sharp to be pleasant; looks richness, slightly puckery. Perhaps a little under ripe but apt to be so. Maturity (10/23/25) Rather attractive but too many other varieties (over)

that are much better to leave this and
write any particular value.

A little better rat noted in 1925.

Note:

The word "Colis" has been inserted in
pencil on the animal record cards:
provenance there is authority for
it in the S.P.I. Inventory records.

However, the question arises as
to whether this is the European
variety Rymer. (see S.P.I. Bul. 56
in alphabetical list under Rymer.)

Painting: None

Description: None

VARIETY APPLE ORCHARD
Arlington Farm

724

Variety: *Sabla Sinep*

Pomology No.

Orchard location: Section *F* Row *19-20* Tree *3*

Arlington Accession No. *4446*

A.P.J. 10345

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/28</i> | <i>102651</i> | : | 1927 - | <i>9/3</i> | <i>109410</i> |
| 1923 - | <i>10/4</i> | <i>104183</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>9/5</i> | <i>106753</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *No bloom*
1925 - *4/5, first full bloom*
1926 - *No bloom*
1927 - *4/2, first bloom.*

Remarks:

In 1925 and in 1927 observations were recorded to effect that the fruit of *Sabla Sinep* was identical with and indistinguishable from *Kandil Sinep* - *A.P.J.* 10346 (7:19:4) which see, *Scions from E.A. Bessy, Turkistan 7/26/04*

Characterization:

Only notes on true were "very like Kandil Sinep" - which see.

Reg. No. 49009
Paintings: # 109410 and one earlier with no form. no. (No 2d sheet)
no description

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *St. Hilaire* (Likely same as Hilaire. A.P. Bul. 56)

Pomology No. 24604

Orchard location: Section *D* Row 23-24 Tree 5

Arlington Accession No. 3375

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/28 | 102647 | : | 1927 - | 9/22 | 109483 |
| 1923 - | 9/28 | 104149 | : | 1928 - | | |
| 1924 - | 9/23 | 105498 | : | 1929 - | | |
| 1925 - | 9/25 | 106967 | : | 1930 - | | |
| 1926 - | 9/17 | 108357 | : | 1931 - | | |

Blossom dates: 1924 - *5/2* full bloom. bloom very light.
1925 - *4/14*, 75% under open; *4/18* little past full
1926 - *4/30*, 90% " "
1927 -

Remarks: *From D.C. Hicks, North Clarendon Vt.*

Characterization: *Size medium or below; slightly oblate, sometimes slightly conic, rhomboid or has ribbed, sometimes sides unequal. Cavity moderately deep, rather broad, sometimes rather shallow. Basin medium in depth and width. Ground color whitish or pale yellow, pretty well overstruck with pinkish red, indistinct striping. Upset in more highly colored fruits; dots variable, some are minute, inconspicuous, submerged; others brownish, raised, medium size, not conspicuous on well colored fruits. Sometimes areolar. Flesh white similar to rambois, fine grain, rather firm, sometimes inclined to be a little tough, fairly juicy, mild subacid, but strongly till fully ripe. Lacks richness (over)*

with no characteristic flavor - just plain
acid. not better than fair to good in quality

Storage notes: 1926 Crop, stored $\frac{1}{2}$ y; sent $\frac{1}{3}$ 27.

Exam $\frac{1}{26}$ 27 office refrigerator meanwhile.

Fruit shriveled considerably. Flesh slightly tinged yellow, slightly satiny, very fine grain but distinctly spangly; lacking in juice, mild subacid without characteristic flavor. Lacks richness. Shriveled spangly texture due probably to holding for so long in office refrigerator.

1927 Crop, sent storage $\frac{1}{2}$ 27 Exam. $\frac{1}{26}$ 27. Flesh satiny especially about core. Fine grain, tender but fairly good body, fairly juicy, mild subacid lacking richness and characteristic flavor.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading) Central leader: (Partially retained) disappeared.

Branching: well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked. Fairly smooth

Secondary limbs: Numerous medium few; Medium slender stout; Drooping, well distributed

Twigs: Many (medium) few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy, well distributed

Spurs: Very many (medium) few; Very (medium slender) stout; $\frac{1}{2}$ - (1 - 2) - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. no. 47947

Fruit painted, several

Fruit modeled

Fruit described

32436 (Hilaire)

Disease notes by J. W. Roberts:

Fine symmetrical, good size, good type. Secondary branches and twigs well distributed.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Salome*

Pomology No. *24327*

Orchard location: Section *B* Row *17-18* Tree *4*

Arlington Accession No. *1909* (*See acc. No. 6322, 5:9-10:4, also Salome*)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102594</i> | : | 1927 - | | |
| 1923 - | <i>10/20</i> | <i>104277</i> | : | 1928 - | | |
| 1924 - | <i>10/8</i> | <i>105686</i> | : | 1929 - | | |
| 1925 - | <i>10/11</i> | <i>107019</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *4/26, first bloom; 5/1, full bloom*
1925 - *4/14, 75% buds open; 4/16, many petals off.*
1926 -
1927 -

Remarks: *Scions from N.Y. Expt. Station, 1902.*

Characterization: *In 1923, specimens were considered more oblate in form than normal. In 1924, fruit was large, finely finished - very excellent specimens of the variety. In 1925, fruit was about as small, poorly colored, poorly developed, rough finished, and unattractive as any we received. However, texture was rather fine grain, mild subacid, pretty good. Flavor and quality typical of variety as it approaches its best.*
(over) *(no 2d sheet)*

3/4/26,

Tree below medium,
upright, spreading,
branching, twigs
and spurs normal.

Herb. No. 44711

Paintings: several

Descriptions: several

VARIETY APPLE ORCHARD
Arlington Farm

728

Variety: *Salome*

Pomology No. 40486

Orchard location: Section

5

Row

9-10

Tree

4

Arlington Accession No. 6322

(See acc. No. 1909.

B: 12-18:4, also *Salome*)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|----------------|-----------------|
| 1922 - | — | — | : | 1927 - | 9/28 | 109614 |
| 1923 - | 10/12 | 104255 | : | 1928 - | Prior to 10/10 | 110610 |
| 1924 - | 10/8 | 105703 | : | 1929 - | | |
| 1925 - | 9/15 | 106826 | : | 1930 - | | |
| 1926 - | 10/4 | 108358 | : | 1931 - | | |

Blossom dates: 1924 - — 5/2, 90% buds open; 5/6, past full - light
1925 - — 4/15, 90% " " ; 4/20, well past full
1926 - 4/30, 50% buds open.
1927 - 4/25, first bloom; 5/1, full bloom.

Remarks:

Scions from W. H. Irwin, 3/10/08. - his
forward collection in Arlington

Characterization: Size good to fairly large; form variable; typically oblong conic; in 1927 this form forward with same fruits roundish conic; in 1925, roundish conic form forward. Core deep, medium width, considerable meat; stem 3/4", slender; basin rather shallow, medium width; sepals medium, converging; eye closed or open depending on age which is variable rather than on age. Ground color - usually greenish yellow as picked - probably yellow later, usually with only small amount of red with indistinct stripes with heavy bluish green overcoat (over)

same seasons more red overspread the
others, but as rule red is thin and washed
appearance here; heavy buttermilk over
intense red washed out effect. Soots varied
minute, whitish, inconspicuous about
on sides, larger, same setlar, raised, &
rather coarse, some seasons giving
unattractive finish. In 1924 finish
excellent for variety. Flesh yellowish, for
fine grain, tender, juicy, mild suba
not high priced, but rather pleasant
though sometimes rather flat. Likely
examined at best degree of maturity for
10/27 still too immature for best quality.

Second sheet, Variety *Salvina* - (acc. No. 6322) 729

Storage notes: 1926 Crop. Out storage 7/25/27. Exam 7/28/27
In pretty good condition except for slight
shriveling. Flesh yellowish, fairly fine grain,
tender, fruit juicy, fairly sprightly though mild
subacid, not rich but pleasant and pretty good
fruit. 1927 Crop. Stored 10/7; out 11/19/28. Exam 7/5/28
In excellent condition. Mild subacid, good
body, lacks characteristic flavor, not rich - below good
in quality. 1928 Crop stored 10/10, out 11/18/28. Exam 10/18/28
Apparently kept well except - some shriveling.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.
(better) (average)

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light dark (normal)

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very medium (slender)
well branched stout; Medium straight crooked. *Chen*

Secondary limbs: Numerous medium few: Medium slender stout;
well branched Drooping.

Twigs: Many (medium) few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 50723

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

Leaf hopper effects prominent.

A fine tree - general effect is a light
rather than heavy type of tree - a trailer
as compared with droop horse type.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sandbrook*

Pomology No. 40560

Orchard location: Section *H* Row *6* Tree *1*

Arlington Accession No. *6378*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------------------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/28</i> | <i>102206</i> | : | 1927 - | <i>8/4</i> | <i>109245</i> |
| 1923 - | <i>Mistake in spec. Picked</i> | <i>7/9</i> | : | 1928 - | <i>8/4</i> | <i>110264</i> |
| 1924 - | <i>7/31</i> | <i>103376</i> | : | 1929 - | | |
| 1925 - | <i>8/17</i> | <i>106594</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/2, 90% buds open - very light bloom.*
 1925 - *4/15, full bloom.*
 1926 - *no bloom*
 1927 - *7/20, first bloom; 7/26, 30% buds open; 5/1, full bloom*

Remarks:

Scions received 3/13/08. Appa with variety trees to J. W. Herr, Ogden, Ind. (see 1008 Bull 56, and paintings of variety in file. Scions from private collection of W. H. Linn, Chicago.

Characterization: *In 1925 & in 1928 compared to Florence crab in size with suggestion it might contain crab blood. 1927 notes. Small size but considerably larger than Florence crab. No evidence of crab in these specimens; roundish, indistinctly ribbed, cavity medium in width and depth; stem 3/4", slender; basin indurated in width and depth; sepals small, close, ground color pale yellow, with nearly full overspread of moderately bright red with indistinct stripes. Some lobes. Flesh yellowish, rather coarse, tender, fairly juicy, subacid rather too sharp 8/17/28 for eating out of hand. In (over)*

more suggestive of Fanny than any
of the other 30 varieties from being
received at this time (7/27), but it
is less attractively finished than Fanny
and is not holding up as well as that
variety. Apparently of very little
merit here.

Second sheet, Variety

Sandbrook

731

Storage notes:

10/5/28

Vigor of Tree: Exceptionally strong ^(Below) ~~average~~ weak. Size:
Exceptionally large ~~average~~ small.

Foliage: Very abundant normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal. *Good condition*

Habit of Growth: Very (upright) roundish broad ^(somewhat) flat ^{spreading}
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very medium (slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched*

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium (slender) stout; *crooked*
1/2 - (1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Not good type - obvious lack of thrift.

Illustrations:

Tree photographed

Fruit painted Nos. 28958
110269

Fruit modeled

Fruit described # 28959-29270

Disease notes by J. W. Roberts:

*Good and a few knot are main
and secondary limbs. This gives
weak unhealthy appearance.*

1917

1. The first of the year was a very dry one, with only a few showers of rain.

2. The second of the year was a very wet one, with many showers of rain.

3. The third of the year was a very dry one, with only a few showers of rain.

4. The fourth of the year was a very wet one, with many showers of rain.

5. The fifth of the year was a very dry one, with only a few showers of rain.

6. The sixth of the year was a very wet one, with many showers of rain.

7. The seventh of the year was a very dry one, with only a few showers of rain.

8. The eighth of the year was a very wet one, with many showers of rain.

9. The ninth of the year was a very dry one, with only a few showers of rain.

10. The tenth of the year was a very wet one, with many showers of rain.

11. The eleventh of the year was a very dry one, with only a few showers of rain.

12. The twelfth of the year was a very wet one, with many showers of rain.

VARIETY APPLE ORCHARD

Arlington Farm
-----Variety: *Santa*Pomology No. *24477*Orchard location: Section *6*Row *13 - 14* Tree *2*Arlington Accession No. *3018*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | | |
| 1923 - | <i>10/26</i> | <i>104322</i> | : | 1928 - | | |
| 1924 - | <i>11/4</i> | <i>105959</i> | : | 1929 - | | |
| 1925 - | <i>10/16</i> | <i>107121</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/1, 25% buds open; 5/3 full bloom*
 1925 - *4/14, 20% " " ; 4/18, 75% buds open.*
 1926 -
 1927 -

Remarks:

*Scions received 4/5/02 from Benz.
 Buckman, Farmingdale, Ill.*

Variety unknown.

Characterization:

Size medium or below, as received from Arlington, ground color greenish with very light blush, indistinct stripes and light overspread of gray. Flesh light tinged yellow, dots numerous, submerged, minute, inconspicuous. Flesh tinged yellow, fine grain, moderate juicy, tough, very sour - but immature - when examined 10/8/24 and 10/26/25. Apparently has very little merit. (over) (no 2d sheet)

2/27/26. Transpire - upright, spreading,
normal branching; main branches
medium stout, secondary branches
small, numerous. Whit spurs
on smaller twigs.

Key No. 44681

Painting: none
Description: none

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Santa Clara King* (see under Remarks*)

Pomology No. 28474

Orchard location: Section 7 Row 7 Tree 5

Arlington Accession No. 4354

S.P.S. 6737

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | 10/4 | 104165 | : | 1928 - | — | — |
| 1924 - | 10/11 | 105453 | : | 1929 - | — | — |
| 1925 - | 9/23 | 106870 | : | 1930 - | — | — |
| 1926 - | — | — | : | 1931 - | — | — |

Blossom dates: 1924 - 7/2, 80% buds open; 5/6, little part full - very right.
 1925 - 4/15, 25% " " 4/20, " "
 1926 -
 1927 -

Remarks: Mr. Irwin's card index lists this as *Skinner* with *syn. Santa Clara King*.
 Scion received 3/20/03 - (taken from nursery here growing on the "Flats") *syn.*
 Source - Emerald, Victoria through C. A. Nobels.
 June 19, 1901.
 * B.P.S. Bul. 56 gives *Santa Clara King* as a synonym of *Skinner* (*Skinner* seedling), a Calif variety.

Question is whether this variety went to Victoria through Mr. Nobels. Lack of knowledge as to what *Santa Clara King* should be like. In 1923, fruit was variable in size from small to large; large coarse lots, roughly finished red colored skin, subacid, somewhat astringent, without apparent value. In 1924 & 1925, comparison was (over)

made with Baldwin in recent years.
In 1924 it was noted that if specimens had
been received under name Baldwin they
probably would have been accepted as
as characteristics of that variety were quite
pronounced.

Flesh yellowish, fine grain, firm
fairly juicy, rather sprightly subacid
but 11/4/24 and 9/30/25 fruit was too
immature for quality readings.
On the latter date it was suggested
that at full maturity it would
probably be rather rich and
of high quality.

(no 2d sheet)

3/2/26, Northern Spy type - below
medium in size but
good thrifty tree.

Painting: 106870

See also Nos. 12127-374684
73419, under name Skinner.
May be same as Santa
Clara King.

Descriptions: several - name changed
to Skinner

Murphy trees on 7 plots were propagated
from Pom. No. 21744. S.P.D. 6737

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Anti Linap*

Pomology No.

Orchard location: Section *J* Row *21* Tree *1*

Arlington Accession No. *4449*
LDJ 10348

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <i>9/22</i> | <i>109540</i> |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108489</i> | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *Scions received 7/26/04*
E. A. Bessy, Turkistan.

Characterizations: *Considerable variation in the 2 years of record. In 1926 fruit was oblong, distinctly conic; in 1927, mostly roundish conic - but a few fruits were elongated. Many fruits, sides uneven in '27. Skin distinctly ribbed - composite notes of the 2 years. Ground color - full, ripe - dull deep yellow - surface rough with large raised, irregular dots, and leather cracking - especially in '26. No suggestion of blush; in 1927 dots numerous, variable from minute, whitish, inconspicuous, to medium sized, raised brownish - fine leather cracking, and a fine pinkish full. Flesh tinged yellow, satiny, moderately fine grained, rather tough, lacking in juice, nearly neutral in flavor; in 1927, mild subacid in '26 considerable tartness in '27. Examined Nov. 4, 26, it was then past prime; (over)*

9/27/27 it was not then fully mature.

In 1926 note was made of the remarkably large cone formations compared with size of fruit; in '27 it was not as marked, and would not then be emphasized as it was in '26.

There were some marked differences in the development of the fruit in '26 and '27, due presumably to differences in seasonal conditions. However, in neither year did this variety show any degree of adaptability to these conditions or merit here.

Second sheet, Variety

Sari Sinap

Storage notes:

1/27/28

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49015

Fruit painted None

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

Only note on true characters is: "Like
other Sinap trees except a more spreading
yet rounder top - a larger, stouter tree.
Reference is here made to Sabla Sinap,
and especially to Kandil Sinap."

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sauchoy*

Pomology No. 56172

Orchard location: Section *L* Row *19-20* Tree *3*

Arlington Accession No. *12609*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <i>8/25</i> | <i>109359</i> |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *Scions received 4/5/12 from E. P. Powell, Clinton N.Y.*
Why so little data are on file re this variety - is not clear - Only the one picking record available. Pom. Jour entry under No. 56172 would likely give more information about it.

Characterization:
1927 notes: Large to very large; roundish cone, fairly regular, calyx tend to be a little unequal; cavity deep, abrupt, stem tipped; stem 1/2" or less; basal moderately deep, medium width; sepals fairly large, recurved; eye nearly closed. Ground color yellow, nearly covered with fine red stripes, and splashes with a thin red wash blending in between the stripes. Any highly colored fruits would likely be a solid, rather dull red all over. Oats numerous, variable (over)

from white, submerged, inconspicuous
to rather large irregular, areolar conspicuous
dots. Flesh lightly tinged yellow, fine,
considerable body, rather lacking in juice
very mild subacid, rather flat, yet with
a slightly peculiar, rather characteristic
taste is rather pleasant. However it
should be rated fair in quality.

(No 2^d shot)

Paintings: None

Description: None

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Schroeder's*

Pomology No. *28478*

Orchard location: Section *7* Row *11-12* Tree *4*

Arlington Accession No. *4363* *APJ* *6751*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/30</i> | <i>102757</i> | : | 1927 - | | |
| 1923 - | <i>10/4</i> | <i>104158</i> | : | 1928 - | | |
| 1924 - | <i>10/28</i> | <i>105995</i> | : | 1929 - | | |
| 1925 - | <i>10/10</i> | <i>107122</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *From Emerald Victoria. Stock renewed 6/11/01 through C. A. Nobles. Scions renewed in Pomology 3/20/03.*

Characterization: *Size medium or below; roundish-conic, sometimes slightly elongated conic; smooth, round. Ground color yellow, nearly overcast with rather dark dull red, indistinct shading; grayish overcast sometimes; dots moderate, numerous, yellowish - rather inconspicuous. Flesh tinged yellow, fine grain, fairly tender, normal juice, acidic, rather sharp till fully ripe becoming mild subacid. 10/30/24 it was immature - considered moderately rich, probably fairly good when fully ripe. 1/23/25 - it was a little (over)*

immature with a rather peculiar,
characteristic flavor, rather unpleasant.
Not much to commend it. Question
whether the unpleasant flavor was
absorbed.

(no 2d sheet)

Painting: #105995

Description: none

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Scott winter*

Pomology No. *24328*

Orchard location: Section *B* Row *17* Tree *5*

Arlington Accession No. *1910* (See acc. No *4323*, *8:25-26:5*
also Scott winter - notes
more extensive)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/23</i> | <i>102311</i> | : | 1927 - | | |
| 1923 - | <i>9/30</i> | <i>102750</i> | : | 1928 - | | |
| 1924 - | <i>9/3</i> | <i>103882</i> | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -

1925 - *4/14, 20% buds open; 4/18, full.*

1926 -

1927 -

Remarks: *Scions from N.Y. Expt. station, 1902*
only varietal notes read "probably ok"
In 1922 - first picking noted as "very
highly colored."

Characterizations:

3/4/26. Tree medium or below
upright, roundish, spreading;
branching normal,
secondary branches bear
numerous small slender
twigs,
neg. No. 44713 (no 2d sheet) over
Painting: several

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transcription # 7619 - and one earlier

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

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VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Scott Winter*

Pomology No. *28425*

Orchard location: Section *E* Row *25-26* Tree *5*

Arlington Accession No. *4323*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/2</i> | <i>109484</i> |
| 1923 - | <i>10/4</i> | <i>104166</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>9/2</i> | <i>106968</i> | : | 1930 - | | |
| 1926 - | <i>10/20</i> | <i>108706</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/20, 50% buds open; 5/1, full bloom*
 1925 - *4/14, full bloom.*
 1926 - *4/30, " "*
 1927 - *4/12, 5% buds open.*

Remarks:

Scions from N. Y. Expt. Station 3/13/03
In 1927 some rusting from spray injury.

Medium size varying from pear to pear from below to above medium, slightly oblate conic, halves slightly unequal; smooth except for indistinct ribbing; cavity rather deep, abrupt, sometimes russeted, basin deep.

Characterizations:

abrupt, not unlike Ben Davis, but eye smaller; ground color yellow, nearly overspread with fairly bright red wash with indistinct stripes, same but with yellowish, fine grain, tender, juicy, rather sharply acid, lacks richness, only fair quality. Fully mature *11/6/26* doubtful if this fruit has been handled to best advantage of its potential quality. There is a little suggestion in appearance of a highly colored Wagner.

10

Second sheet, Variety

Scott Winter (acc. no. 4323)

Storage notes: 1926 Crop. Out of storage 3/24/27 Exam 7/31/27
Has kept well so far as physical condition is concerned.
Fruit firm, no shriveling, no scale. Flesh fine grain,
very tender, quite juicy, slightly acid rather harsh
on tongue. Lacks richness, partly low in quality.
1927 Crop. out of storage Exam. 12/2/27 In excellent
condition. Fine grain, tender, quite juicy,
acidly partly sharp - just a plain sour, lacking
richness. Too acid for eating out of hand.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading).
Central leader: (Partially retained) disappeared.

Branching: well branched - stocky - well formed.
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight (branched) twiggy; Medium open
dense; Willow.

Spurs: Very (many) medium few; Very medium slender stout;
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Good type, symmetrical, well branched.

Illustrations:

Tree photographed

Fruit painted Several Fruit modeled

Fruit described #7619 - and one earlier

Disease notes by J. W. Roberts:

a little rough bark on main limbs
suggests disease common on
yellow Newtown limbs.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Seek - no further* ???

Pomology No. 50565

Orchard location: Section *K* Row *25-26* Tree *3*

Arlington Accession No. *10881*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | | |
| 1923 - | <i>9/3</i> | <i>103883</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>9/17</i> | <i>106827</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -

1925 - *4/16, 90% buds open; 4/21, past full.*

1926 - *5/3, just bloom.*

1927 -

Remarks:

Scions from W. H. Irvine 4/19/11 { Probably from his private collection in Arlington }
What this apple was really supposed to be is uncertain. It was not! Washfield.

Characterization: *1925 Notes. Medium size or below, roundish cones to slightly oblate cones, regular. Ground color yellowish, slightly overexposed with rather dull red; dots scattered, variable, some small whitish, submerged, to rather large, brownish, raised - all rather inconspicuous. Flesh tinged yellow, fine grain, very tender, normal juicy, mild subacid, rather delicate and pleasant but not much to it. Density unknown.*
Paintings: none (over) (no 2nd sheet)

transcription: none under this name

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Shackelford*

Pomology No. *24659*

Orchard location: Section *D* Row *21* Tree *2*

Arlington Accession No. *3220* (*See acc. No 3226. D: 21-22: 5*
also Shackelford, though
supposed to be
Jonathan)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/3</i> | <i>102771</i> | : | 1927 - | | |
| 1923 - | <i>9/27</i> | <i>104109</i> | : | 1928 - | | |
| 1924 - | <i>10/14</i> | <i>105694</i> | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *Seeds from Charles Miller, Germantown W. Va. 4/26/02*
Only note was 10/20/24 reading "Typical of variety
(Shackelford) though not highly colored. Specimens
from this No. are much smaller than those
from acc. No 3226. Some specimens have
purplish surface similar to Twenty Anne.

Characterization:

Neg. No. 44702
Paintings: #14601 - 59332
Descriptions: #2526 - 14601

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Shackelford* (see under remarks)

Pomology No. *24657*

Orchard location: Section *D* Row *21-22* Tree *5*

Arlington Accession No. *3226*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | <i>10/14</i> | <i>105696</i> | : | 1929 - | | |
| 1925 - | <i>9/25</i> | <i>106969</i> | : | 1930 - | | |
| 1926 - | <i>9/17</i> | <i>108359</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/1, 20% buds open; very light bloom.*
1925 - *4/14, 20% " " ; 4/18, 50% buds open; 4/23 little petal fall bloom*
1926 - *4/30, center buds open - very light bloom.*
1927 -

Remarks:

Acc. No. 3226 should be *Jannethan* from Charles Miller, Sevierville, N.C. but the fruit was apparently accepted without question as *Shackelford* and compared with that from acc. No. 3220 which was received from Charles Miller as that variety - when the mistake first

Characterization: came to light is not recorded.
1924 Notes. Typical *Shackelford*. not highly colored; fruits from acc. No. 3220 run smaller than from 3226. Some fruits have pimple surface similar to *Twenty-Ounce*.
1925 Notes. mostly: above medium, slightly oblong-conical, regular. Ground color yellowish white, better colored. Fruits heavily covered with pinkish red, with indistinct stripes - layer of red this year is rather light, dots scattered submersed, mostly inconspicuous; a few scattered whitish dots - a heavy whitish bloom, better colored as lightly as this year or more deeply colored (over)

as in some years it is very attractive
in appearance.

Flesh yellowish, fairly fine grain, a
little tough, locking in juice, milk
subacid, lacks richness - poor quality.

1926. The deep abrupt cavity is a striking
feature of the exterior - somewhat pump
similar to Twenty Anne.

Second sheet, Variety

744
Shackelford (acc. No. 3226)
see note under
Remarks -

Storage notes:

1/11/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); (Medium straight crooked) *well branched*

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *These have a characteristic outward*
curve or dip.

Twigs: Many (medium) few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. *well distributed*

Spurs: Very many (medium few) Very medium slender stout;
1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched)
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Ref. No. 47957

Fruit painted #14601 - 59332 Fruit modeled

Fruit described #2526 - 14601

Disease notes by J. W. Roberts:

Trunk and main limbs have a good
deal of rough scaly bark - apparently a
characteristic of the tree at this age.
The crooked main and secondary limbs
and dip or outward curve of the latter
appear true characteristics of this variety

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Shannon*
Pomology No. *Apparently not recorded.*
Orchard location: Section *E* Row *9-10* Tree *5*
Arlington Accession No. *4209*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/13</i> | <i>102846</i> | : | 1927 - | | |
| 1923 - | <i>10/8</i> | <i>104189</i> | : | 1928 - | | |
| 1924 - | <i>10/14</i> | <i>105699</i> | : | 1929 - | | |
| 1925 - | <i>9/23</i> | <i>106871</i> | : | 1930 - | | |
| 1926 - | <i>—</i> | <i>—</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/28, 20% buds open; 5/6, past full.*
1925 - *4/14, 90% " "*
1926 -
1927 -

Remarks: *Scions from Kansas Agr. College 7/14/03*

Characterization: *Large to very large, roundish conic to slightly oblate conic, somewhat irregular. Ground color yellow, sometimes pinkish blush on exposed side, buttermilk overspread, heavy in some fruits. Considerable coarse russeting about stem. Flesh yellowish, fairly fine grain, fairly tender, but sometimes with characteristic crispness, moderately juicy, mildly subacid; in 1924 called fair, rich, pretty good 10/24; 9/30/25 - called subacid, rather flat, not much to commend it as to quality. (No 2^d sheet) (over.)*

3/11/26.

Tree broad, spreading,
branches and twigs
rather stout, rather
coarse in general
appearance.

Paintings: 30417(1) - 104189
Descriptions: Several

VARIETY APPLE ORCHARD

Arlington Farm

Variety: *Shannon* ?

Pomology No. *Shannon*

Orchard location: Section *J* Row *10* Tree *2*

Arlington Accession No. *see under Remarks.*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/8</i> | <i>102529</i> | : | 1927 - | <i>9/9</i> | <i>104452</i> |
| 1923 - | — | — | : | 1928 - | <i>8/22</i> | <i>110349</i> |
| 1924 - | <i>10/8</i> | <i>106033</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>9/11</i> | <i>107933</i> | : | 1931 - | | |

Blossom dates: 1924 - *7/2*, 50% buds open; *9/6*, fruit full.
 1925 - *7/15*, first bloom; *8/20*, full bloom, fruit *cluster only*
 1926 - —
 1927 - *7/26*, 20% buds open; *9/2*, 80% buds open.

Remarks: This tree is in the orchard records under Acc. No. 7332 which apparently applies only to *J:9:2* which is S.P.S. No. 24805. The S.P.S. entry is: No. 230, a native apple *Paschalis* from Tiflis, Transcaucasia (Hansen). Apparently *J:10:2* was planted by mistake and the fruit later identified as Shannon, perhaps, but the apples

Characterization: seemed to be more like *Hatch* or *Waters Beauty*. But in 1926 it was considered to be Shannon or Ohio Pippin whichever is correct but not Ohio Pippin as Dr. Shumacher knows that apple. It hardly seems like Shannon (Jark.)
 Characterization: Large, oblate, regular except for slight ribbing; cavity medium, rather abrupt; stem $\frac{1}{2}$; basin rather broad; (over)

sepals large, reflex; eye open. Ground
color greenish yellow, with coppery
blush on upperside; same fruits
family shaped; dots scattered, slightly
raised; thin white bloom; 1927 - more
thin overspread than the variety usually
has but at that there is only a thin
blush on the upperside. Flesh
yellowish, fairly fine grain, moderately
firm, quite juicy, subacid, lacks
richness rather poor quality

Second sheet, Variety

Shannon?

f 11012

747

Storage notes:

11/4/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal, *mostly off*

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very (many) medium few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *#30417-104189*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*Not many twigs but many spurs which
occur well back on the secondary limbs*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sharp's Late Red*

Pomology No. *28476*

Orchard location: Section *J*

Row *11*

Tree *2*

Arlington Accession No. *4361*

S.P.D. No. 6739

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/20</i> | <i>102477</i> | : | 1927 - | | |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | <i>9/15</i> | — | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/2, 75% buds open; 5/6, part full but all buds.*
 1925 - *4/15, 20% " " 4/20, part full.*
 1926 -
 1927 -

Remarks: *From Emerald Pictoria. Received through C. D. Nobilins 6/19/01. Scions for propagation at Arlington from nursery trees on Patomas flats where grown as Pom. No. 21746.*

Characterization: *Notes 10/4/24. No information available as to characteristics of this variety. Specimens are good size; roundish conic to slightly oblate, ground color yellow, nearly all overcracked, with red in highly colored fruits, with individual stripes and splotches; an overcrack of gray; fairly numerous rather large light-colored spots unevenly distributed. Flesh lightly tinged yellow. Fairly fine grain. Moderately juicy (over).*

subacid with a rather peculiar flavor,
rather unpleasant. Probably in prime
eating condition now. The apple
has little to commend it either in
appearance or eating quality if
these fruits fairly represent the
variety grown under Arlington
conditions

(no 2d sheet)

3/1/26. Tree upright spreading,
branching normal,
but tree is small, poor,
woolly aphids and crown
gall in evidence. Tree
stands on a ridge —
very poor location.

Parenting: None

Description: None under this name

VARIETY APPLE ORCHARD
Arlington Farm

747

Variety: *Shiawassee*

Pomology No. 40487

Orchard location: Section *5* Row *10* Tree *5*

Arlington Accession No. *6323* (see under Remarks)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-----------------------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/28</i> | <i>109615</i> |
| 1923 - | — | — | : | 1928 - | <i>9/28</i> | <i>110636</i> |
| 1924 - | <i>10/8</i> | <i>105630</i> | : | 1929 - | <i>9/30 (acc. no. 3371)</i> | <i>111272</i> |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>10/4</i> | <i>108360</i> | : | 1931 - | — | — |

Blossom dates: 1924 - — *4/26, first bloom; 5/7 full bloom (acc. No. 3371)*
 1925 - — *4/14, 90% buds open* — — "
 1926 - *4/30, 90% buds open - light bloom.*
 1927 - *4/25, first bloom; 5/1, 95% buds open.*

Remarks: Scions from W. M. Irvine 3/10/08. The picking record for 1929 is an acc. No. 3371, though the location on the fruit record card is 5:10:5, that is obviously wrong. Acc. No. 3371 was planted (according to orchard map) at 5:23-24:1 for which there is no record now (12-28-42) available. Scions for acc. No. 3371 (Pom. No. 24605) were received from C. D. Hicks, North Andover, VT., in 1902. Though doubt was recorded several times regarding the

Characterization: fruit samples received from Arlington under acc. No. 6323 being Shiawassee, it seems probable that they were that variety but not developing at Arlington the external varietal characteristics as usually seen nor the expected quality. Question of identity revolves about giving as to what the variety should look like grown at Arlington.

Characterization: Medium to large size, oblate; cavity fairly deep, rather broad, same setting; stem about 1", slender; basin medium, sepals fairly big. (over)

converging, eye closed or nearly so. Ground
color yellowish white, frothy with overtones
with fairly dull purple or purplish red, some-
times appearing mostly as stripes; dots fairly
numerous, whitish or yellowish, not conspicuous.
Flesh white similar to Fameuse, grain somewhat
described as fairly fine or rather coarse and
grainy; usually tender, sometimes very tender,
moderately juicy or slightly lacking, subacid
a little too sharp to be pleasant until fully
ripe, then likely to be rather flat, but
sometimes with a suggestion of Fameuse
or McIntosh flavor. Lacks richness
high quality and aroma of McIntosh
and Fameuse. Apparently it does
not develop its normal qualities
at Arlington though reaching
good size there.

Second sheet, Variety

Shrawassee

755

Storage notes:

Crop of 1927. 1/19/28 exam. out of storage 1/14/28
apparently entirely past period of durability. Fruits
nearly all broken down with what seems to be a
physiological decay.
Crop of 1928. Stored 10/2. Out of storage 1/4/29. Exam 1/7/29
Probably past prime - some fruits beginning
to break down slightly.

9-26-28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (slightly) spreading.
Central leader: (Partially retained) disappeared.
More upright & less spreading than M. Dulash.

Branching:

Main limbs: Very medium (long) short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched*

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

1928* growth 10" - 12". A M. Dulash type
tree but rather more upright and less
spreading than M. Dulash. Fruit later than
M. Dulash and not dropped as much. In fact,
dropped in 1928 ^{also} than most other varieties now
(9/26/28) remaining unpicked.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: ~~Shink~~ Shink - so recorded in Act
scions received from R. Agr.
Cal.

Pomology No. 28491

Orchard location: Section E Row 11-12 Tree 1

Arlington Accession No. 4210

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | | |
| 1923 - | 9/15 | 104016 | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | 8/27 | 107796 | : | 1931 - | | |

Blossom dates: 1924 - 5/1, 50% buds open; 5/6, full bloom - but light.
1925 - 4/14, 60% " " ; 4/18, little past full.
1926 - 4/30, 75% " "
1927 - 4/12, first bloom.

Remarks: In 1923 it was noted that in general appearance, character and quality of flesh, this apple seemed identical with Lady Sweet. In 1926 it was compared with "Shink" specimens of which came from John C. Shink, Brooksville, Ind. Scions of Shink received from Kansas Agr. College 2/14/03. Lists above & picking records on file.

Characterization:

1926 notes. Size medium or below somewhat irregular, slightly ribbed. Ground color yellow, more or less overlaid with red, sometimes showing only on upperside, some striping. Buds varying from white and rather large, but inconspicuous to large, irregular, brown - conspicuous markings. Whitest bloom - not attractive. Flesh unusually yellow, grain coarse, tough, moderately juicy, quite sweet, (over)

See above for Shink observations in 1926

fairly good, but nothing in particular
to commend it. Further noted in 1926
that it can hardly be Lady Sweet though
it has some of the characteristics of
that variety.

Storage notes:

1-26-28

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

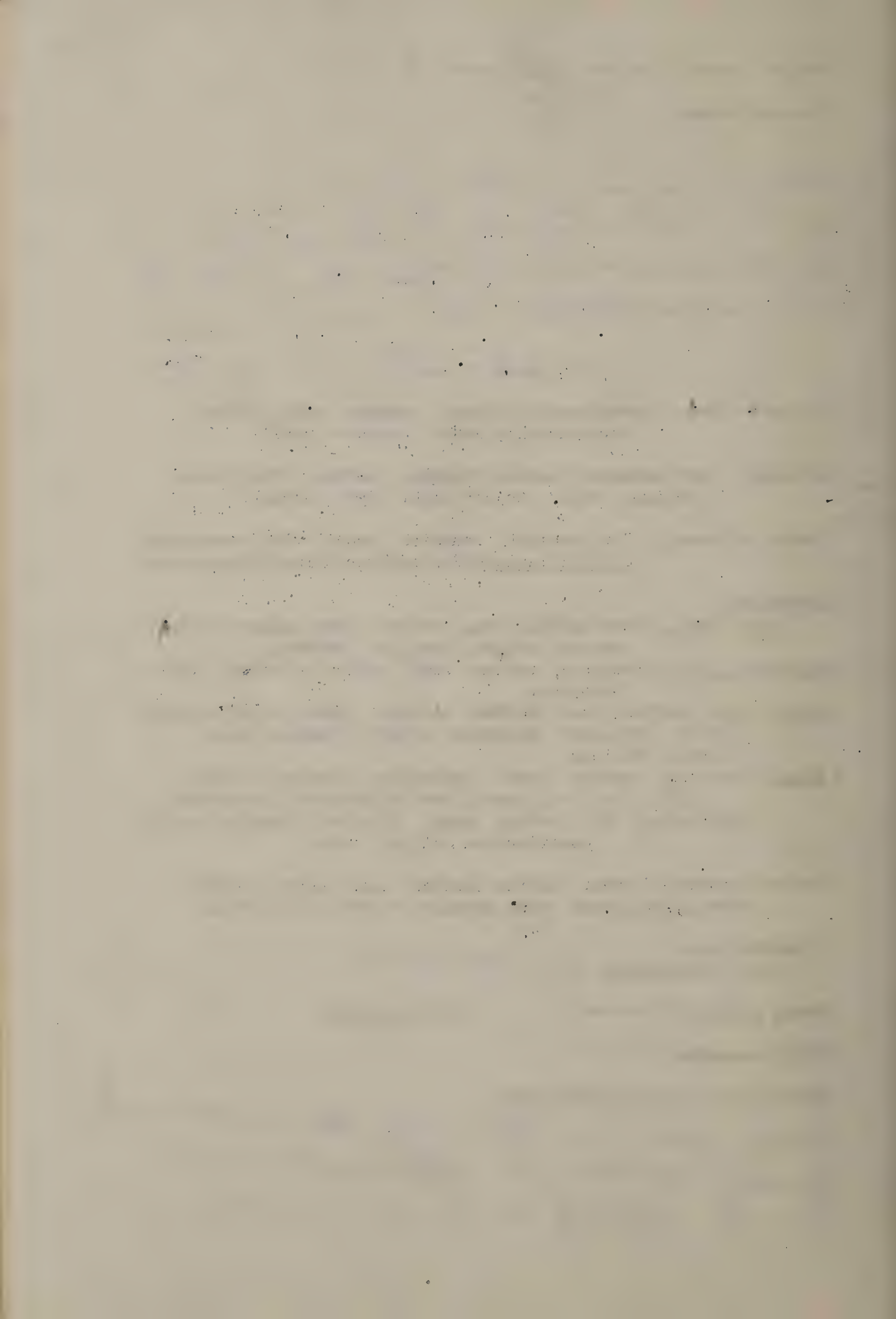
Tree photographed *Fig. no. 47990*

Fruit painted *None* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Only note is that trees too small and
poor to record. Apparently very
badly affected by crown gall!*



VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Shonemaker*

Pomology No. 40562

Orchard location: Section *H* Row 5-6 Tree 2

Arlington Accession No. 6380

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 7/18 | 101595 | : | 1927 - | 8/4 | 109244 |
| 1923 - | — | — | : | 1928 - | 7/24 | 110188 |
| 1924 - | 7/29 | 105044 | : | 1929 - | | |
| 1925 - | 7/21 | 106471 | : | 1930 - | | |
| 1926 - | 7/21 | 107638 | : | 1931 - | | |

Blossom dates: 1924 - — 5/2, 90% buds open; 7/6, full bloom; 7/10, all part
1925 - — 4/15, 90% " " ; 7/20, well past full
1926 - 7/30, 50% buds open.
1927 - 7/20, first bloom; 7/26, 35% buds open;
5/1, 90% " "

Remarks:

Scions received 7/1908 - W. H. Irwin's private collection.
J: 1:5, according to the orchard map is also acc. No. 6380, but
probably by mistake. It is the proper sequence for acc. No.
7202. There is such a no. The fruit record cards have been
corrected to read 7202. The office file contains no acc. card
for this number. The fruit from J: 1:5 was apparently same as acc. 6380.

Characterization:

Size below medium, roundish, slightly flattened, stem 1/2 - 3/4".
Cavity medium width, rather shallow; stem 1/2 - 3/4".
variable from slender to stout; basin shallow, fairly
broad; sepals fairly large, rather long, converging, eye
closed. Color greenish yellow, considerable buttermilk
overspread, white bloom; few large conspicuous
irregular brown dots in 1925, but in 1928 these dots were
absent, but dots were whitish with very minute brown
centers in some cases, inconspicuous. Flesh whitish, fine
grain, fairly juicy, mild subacid, rather unpleasant
(over)

flavor - not much to commend it 7/23/25-
but it was picked too early. same crop again.
8/3, flesh tender, moderately juicy, flat,
but still pretty not pleasing.

Second sheet, Variety

Storage notes:

Shumaker (acc. 6380)
#15-6:2
754

10/9/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light (dark) normal. *Clean*

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *Clean*

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender) stout;
(1/2 - 1).. 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine sturdy healthy tree - twiggy leafy type.

Illustrations:

Tree photographed

Neg. No. 47680

See also Neg. No. 49675 (1:1:5)

Fruit painted *#17612-105044* Fruit modeled

Fruit described *#12071-17612*

Disease notes by J. W. Roberts:

1. The first part of the paper discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present and for the development of a sound policy for the future. The author points out that the history of the United States is a complex and varied one, and that it is necessary to study it from many different angles in order to gain a complete picture of it.

2. The second part of the paper discusses the role of the government in the development of the United States. It is argued that the government has played a crucial role in the development of the country, and that it is necessary for the government to continue to play this role in the future. The author points out that the government has been responsible for the establishment of the Constitution, the development of the federal system, and the creation of the various departments and agencies of the government.

3. The third part of the paper discusses the role of the individual in the development of the United States. It is argued that the individual has played a crucial role in the development of the country, and that it is necessary for the individual to continue to play this role in the future. The author points out that the individual has been responsible for the establishment of the various states, the development of the various industries, and the creation of the various social and economic institutions of the country.

4. The fourth part of the paper discusses the role of the future in the development of the United States. It is argued that the future is a crucial part of the development of the country, and that it is necessary for the individual to continue to play this role in the future. The author points out that the future is a time of great opportunity, and that it is necessary for the individual to seize this opportunity and to make the most of it.

VARIETY APPLE ORCHARD
Arlington Farm

755

Variety:

Shone

Pomology No.

24459

Orchard location: Section

6

Row

15-16

Tree

1

Arlington Accession No.

3022

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/23 | 102578 | : | 1927 - | 9/26 | 109541 |
| 1923 - | 10/26 | 104318 | : | 1928 - | | |
| 1924 - | 10/11 | 105610 | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates:

1924 - 5/1 - full bloom - bloom light.
1925 - 4/14, 75% buds open; 4/18, little past full.
1926 - 4/28, 50% " "
1927 -

Remarks:

Scions received 4/5/02 from J. J. Blackwell, Titusville, N. J.

Characterization:

Medium to good size, oblong conic, cavity medium, stem from very short to 3/4" stoutly, rather fleshy; basin fairly broad, rather shallow; sepals long, recurved; eye large, open. Ground color yellow, with rather heavy overspread of deep blood red with indistinct stripes - sometimes a mottled effect in less well colored fruits due to thin overspread of luteomilk. Dots numerous about apex, yellowish, submerged, inconspicuous, but on sides yellowish dots are more conspicuous, depending on color of surface. Flesh yellowish, fine grain, rather tough, rather acid now 10/16/24 - Too immature for quality note - see storage note.

Second sheet, Variety *Shoue*

756

Storage notes: 1927 crop. Out of storage in Dec. but still too hard for quality test. Held in office refrigerator until 1/19/28. Now in good condition as to maturity. Fairly fine grain, tender with good body, fairly juicy. Mild subacid with no characteristic flavor. Rather lacking in richness - not above good in quality.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading) Central leader: Partially retained disappeared.

1/7/28

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked. *smooth*

Secondary limbs: Numerous medium few; Medium slender stout; *(somewhat Drooping) spreading*

Twigs: (Many) medium few; (Medium slender stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47916

Fruit painted #105610

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

A good strong rather characteristic tree in the spreading and drooping habit of the secondary branches.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sierra Beauty*

Pomology No. 40-366

Orchard location: Section *5*

Row *11-12*

Tree *5*

Arlington Accession No. *6329*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102554</i> | : | 1927 - | <i>9/28</i> | <i>109616</i> |
| 1923 - | <i>10/12</i> | <i>104234</i> | : | 1928 - | <i>10/23</i> | <i>110733</i> |
| 1924 - | <i>10/21</i> | <i>106004</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/2*, full bloom - light bloom.
 1925 - *4/15*, 50% buds open; *4/30*, past full.
 1926 - *4/30*, 50% " "
 1927 - *4/30*, first bloom; *4/25*, 10% buds open;
5/1, 90% " "

Remarks:

Scions received 3/13/08 from Chico Nur. Co., Chico, Calif.

Characterization:

*1927 notes. mostly good size; roundish, some-
 what conic; sides frequently unequal; fairly
 uniform, indistinct ribbing; cavity
 deep, moderately broad, considerable
 russetting; stem about 3/4" medium thick.
 Vess; basin moderately deep, broad, furrowed;
 sepals separate at base, large, mostly
 reflexed; eye very large, open. Ground color yellowish
 with thin wash of pale red and faint streaking.
 Thinner wash of red, likely at times. Scales scattered,
 whitish, small, inconspicuous. Many of the
 specimens have considerable resemblance
 to Northern Sp., especially about the base.
 Flesh tinged yellow, fine grain, breaking
 (over) to*

juicy, sharply acid 10/4/27. Fruit
too immature for quality test.
Apparently a long keeper.
see storage notes.

| | | | |
|---------|---------|---------|---------|
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |
| 10/4/27 | 10/4/27 | 10/4/27 | 10/4/27 |

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10/4/27 10/4/27 10/4/27 10/4/27

10/4/27 10/4/27 10/4/27 10/4/27

Second sheet, Variety

Sierra Beauty

758

Storage notes: 1927 Crop. Out of storage 1/14/28. Exam 1/18/28
In excellent condition; prime eating condition
but probably would have held up in storage
for a considerably longer period. Fairly
tender, quite crisp, quite juicy, sprightly sub-
acid but not unpleasant; rather lacking in
richness, but good or possibly a little better.

1928 Crop. Stored 1/2? Out 4/10/29. Exam. 4/17/29 In excellent
physical condition; no scale; but very little shriveling
(over)

Vigor of Tree: Exceptionally strong (average ^{or better} weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light (dark) normal.

Habit of Growth: Very upright roundish (broad flat spreading)
rather low top Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long (short); Very medium slender
(stout); Medium straight crooked. *except lower ones which reach a long way*

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long (medium
short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender stout)
1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Reg. No. 50722

Fruit painted

Several

Fruit modeled

Fruit described

#39885(2)

Disease notes by J. W. Roberts

1928. Better not very bad.

Handy a fruit on ground or tree not affected.
One of worst affected in orchard. 1928 growth
10" - 15". Shoots from limbs 2'. No. 12 much
larger and stronger than #11. latter dwarfed for
some reason not apparent. Tree has leafy appearance
because of short internodes and very short
an entire whorl of leaves. Top would be shaded except
main limbs far enough apart to grow.

Storage - cont.

Suggests Mottum sp. Fine grain
brushing, quite juicy, white milk
suband it is at same time sprightly.
Better than good.

1928 Crop. - 9/4/39. This may have been
out of storage since April 18, and
in office refrigerator meanwhile.
One fruit decayed from an injury.
Some shriveling, but texture of
flesh still is good, quite juicy,
fairly good in quality. It has
not lost its flavor as have
many varieties held very late.
Because of storage qualities
this apple may possess greater
merit than has usually been
ascribed to it.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Smith*

Pomology No. 40624

Orchard location: Section *X* Row 15-16 Tree 1

Arlington Accession No. 6411

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 8/14 | 102274 | : | 1927 - | 8/15 | 109279 |
| 1923 - | 8/29 | 103870 | : | 1928 - | 8/22 | 110326 |
| 1924 - | 8/29 | 105210 | : | 1929 - | — | — |
| 1925 - | 8/21 | 106634 | : | 1930 - | — | — |
| 1926 - | 8/27 | 107934 | : | 1931 - | — | — |

Blossom dates: 1924 - 5/2, 90% buds open; 5/6, considerably past full
1925 - 4/15, 90% " " 4/20, past full
1926 - 4/30, 50% " "
1927 - 4/20, first bloom; 4/25, 20% buds open; 5/1, 90% buds open.

Remarks:

Scions received 3/27 & 4/13/08 from A. R. Smith Rathbone, N. Y. Evidently came originally from H. W. Smith, Garden City, Kansas.

Characterization:

Size medium to good, slightly oboate conic to slightly elongated conic. Smooth, fairly regular, some fruits compressed. Calyx rather deep, rather abrupt, stem 5/8" rather slender; basin variable from medium depth, rather abrupt to rather broad, sepals small converging but eye large and open, or smaller and partially closed. Ground color greenish yellow, with heavy stripes and spaces of buttermilk which sometimes run into a solid over spread; heavy whitish bloom. Pits very minute except in some cases there are a few large ones (over)

more on her leather cracking - apparently
varying with the season. Sometimes making
fruit coarse and poorly finished.
Flesh tinged yellow. Fine grain,
tender, fairly juicy. Mild subacid
with delicate rather agreeable flavor -
though lacking in richness. But
a fairly good eating apple - better
than many of its season.
Prime eating - condition 8/27/25.

Second sheet, Variety

Smith (acc. No. 6411) 760

Storage notes:

10/5/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium (small); Color: Light dark normal. Clean

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching: well branched

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. Clean

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. well branched

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender) stout;
1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Not large but good stocky tree, with good bearing surface.

Illustrations:

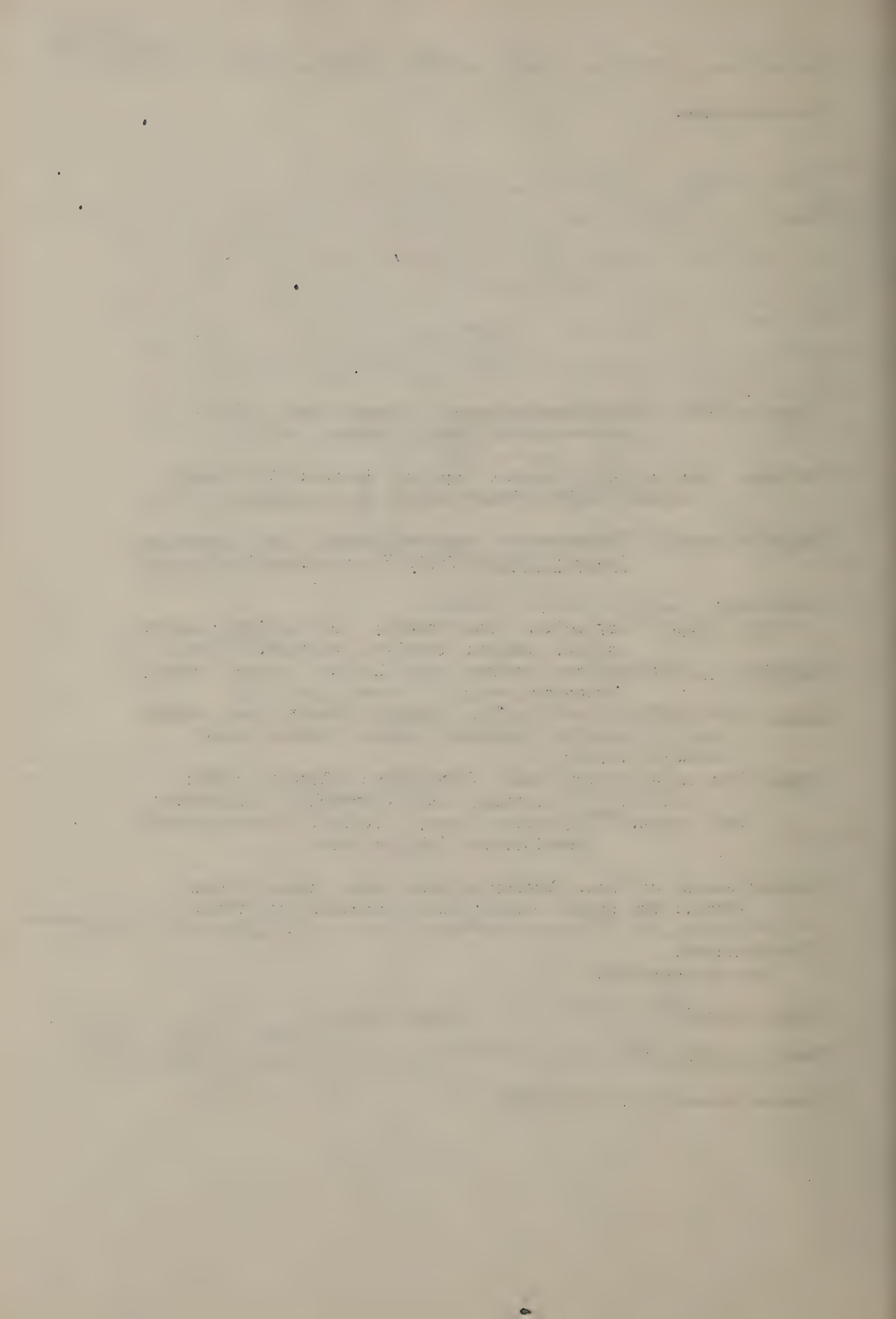
Tree photographed

Fruit painted #105210

Fruit modeled

Fruit described Several of Smith or Smith Cider but
probably none of this apple

Disease notes by J. W. Roberts:



VARIETY APPLE ORCHARD
Arlington Farm

74

Variety: *Smith of Arkansas*

Pomology No. 40795

Orchard location: Section *J*

Row *7-8*

Tree *2*

Arlington Accession No. *6656*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/6</i> | <i>102498</i> | : | 1927 - | — | — |
| 1923 - | <i>9/19</i> | <i>104093</i> | : | 1928 - | <i>9/8</i> | <i>110368</i> |
| 1924 - | <i>9/13</i> | <i>105405</i> | : | 1929 - | <i>9/5</i> | <i>111146</i> |
| 1925 - | <i>9/1</i> | <i>106693</i> | : | 1930 - | — | — |
| 1926 - | <i>10/1</i> | <i>108361</i> | : | 1931 - | <i>10/6</i> | <i>112351</i> |

Blossom dates: 1924 - *5/2, full bloom*
 1925 - *4/9, 75% buds open; 4/15, part full.*
 1926 - *4/30, part full bloom.*
 1927 - *4/16, 75% buds open.*
 1928 - *4/19, first bloom; 4/26, 75% buds open; 5/1, full bloom.*

Remarks:

*Scions from the Starks Bros. Lumber, Mo.
 Renewed 7/8 & 7/13/08.*

Characterization:

Size above medium, oblate conic, uniform; apex rather sharply drawn in giving suggestion of a rim around a basin. Cavity medium; stem about 1/2" medium. Basin deep, pink, broad, abrupt. Sepals converging, eye medium, closed. Ground color greenish yellow, with light overexposed 2 yd on upper side usually, and indistinct stripes, but at base covered with red wash and fine stripes. Sides yellowish and brownish, some darker, smooth, raised, some inconspicuous. Flesh distinctly yellowish, satiny, fairly fine grain, fairly juicy, with subacid and (over)

flat when fully ripe, rather slightly subacid
till fully ripe. Looks richness, hardly fair
in purity. At its best development is
quite attractive, but without merit
as to purity.

Second sheet, Variety

Smith P. Arkansas

767

Storage notes:

11/2/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal. *50% ff.*

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout) Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
(Drooping)

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense): Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense (stocky)
(grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*The division of the main limbs and
numerous secondary limbs with
characteristic droop make tree
rather distinct.*

VARIETY APPLE ORCHARD
Arlington Farm

May be Pinnacle

Variety: Planted for Smith Arrington
Pomology No. 40641
Orchard location: Section H Row 20 Tree 3
Arlington Accession No. 6423

Not correct.
(See Pinnacle acc. No. 3657.)

5:2:2

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/25 | 102615 | : | 1927 - | 9/21 | 109485 |
| 1923 - | 10/8 | 104193 | : | 1928 - | 9/27 | 110637 |
| 1924 - | 10/8 | 105710 | : | 1929 - | 9/9 | 111147 |
| 1925 - | 9/23 | 106872 | : | 1930 - | — | — |
| 1926 - | 10/4 | 108362 | : | 1931 - | — | — |

Blossom dates: 1924 - 5/2, full bloom - bloom light.
1925 - 4/15, "
1926 - 4/30, "
1927 - 4/26, 50% buds open; 5/1 - full bloom - petals falling.

Remarks: Does not agree with description of Smith Arrington apple, and fruit in no season was regarded as that variety. Not identified but suggested resemblance to Pinnacle but identity with that variety was never confirmed. However, known from W. H. Irvine 3/27/08. from private collection in Edinburgh (over)

Characterization: Specimens. whatever the variety from Arlington. Good size; roundish, sometimes a little oblate, sometimes irregular in form; usually ribbed; Cavity noted one year as being strikingly Roman stem but no relation in any other year; cavity medium or rather narrow, somewhat abrupt, usually slightly recessed; stem about 1/2", medium; basin shallow; broad; sepals long, converging; eye closed, moderately large; ground color yellowish, fairly completely overspread with bright red; 2 or more distinct lines usually extending from stem (over)

Remarks (continued)

specimens from storage 7/28/27
checked so closely with paintings
of Pinnacle 3/037, 21004 and 97772
that identity ^{with that variety} seems rather likely.

Characterization (cont.)

to eye; dots rather numerous, minute,
more or less raised, brownish or yellowish;
flesh yellowish, fairly fine grain, moderately
juicy, subacid, fair in quality but not
fully mature 10/18/24.

7/28/27. Fruit from storage - prime eating
condition; stem flesh yellowish, fairly
fine grain, tender, quite juicy, mild
subacid; fairly pleasant, fairly good
and looking in richness.

Second sheet, Variety

Smith Carington - ⁷⁶⁴Incidentally

Storage notes: Crop 1926. Out

Indubitably uncertain

7 storage 7/25/27, exam 7/28/27

21:20:3

Has kept well. Some fruits have a spot disease in the flesh suggestive of Baldwin spot. Prime eating - maturely now. Considerably better in quality than Pinnacle, has usually been when examined earlier in the season.

1927 Crop - out of storage 7/8/27, exam 7/10/27. No special storage data. 1928 Crop. stored 10/2/28; out 1/4/29; exam 1/7/29

Rather fully characterized but no storage data - kept to fair in quality with full flavor probably not yet fully

Vigor of Tree: Exceptionally strong (average) weak. Size: developed.
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.

Central leader: Partially retained disappeared.

Light open grower with rather slender limbs.

Branching:

Main limbs: Very medium long short; Very medium (slender) stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping, well branched.

Twigs: Many (medium) few; (Medium) slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout; 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky

grower; Top round much broader narrower than tall.

Companion suggested - Trotting horse type rather than that of draft horse.

Illustrations:

Tree photographed

Fruit painted no. 110637 evidently from this tree but not Smith Carington

Fruit modeled

Fruit described #22079. Smith's Carington

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Smith Cider*

Pomology No. *24463*

Orchard location: Section *6*

Row *19-20* Tree *L*

Arlington Accession No. *3036*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102581</i> | : | 1927 - | | |
| 1923 - | <i>10/26</i> | <i>104317</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>10/3</i> | <i>107024</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/1, 90% buds open; 5/3, still buds - petals falling*
1925 - *4/14, 40% " " 4/18, full bloom.*
1926 -
1927 -

Remarks: *In 1923, noted as very highly colored.*
4 cans from J. Blackwell, Titusville, N.J. 4/9/23

Characterization: *Flesh yellowish, satiny, fine grain, a little tough, juice normal, mild subacid, rather pleasant. These fruits better in dessert quality than the variety is commonly considered to be. A little water core (in some fruits. (over) (no 2d sheet)*

3/4/26,

Tree not very good though
nothing specifically
wrong with it, somewhat
plum type, upright with
no marked tendency to spread.
Branching normal.
Secondary branches carry
good number of fruit
spurs. Trunk knotted
and unattractive.

Neg. No. 44683

Printings: several
Descriptions: several

VARIETY APPLE ORCHARD
Arlington Farm

76

Variety: *Smith Cider* (so identified) see below -
Pomology No. 46960 - 2 gts pecans and 7/30/10 for growing seedlings.
Orchard location: Section *J* Row 17 - 18 Tree 3
Arlington Accession No. 8194 - but this no. should be pecans not apples.

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/23 | 102588 | : | 1927 - | 9/9 | 109453 |
| 1923 - | 10/12 | 104245 | : | 1928 - | 10/10 | 110656 |
| 1924 - | 10/18 | 106039 | : | 1929 - | — | — |
| 1925 - | 10/10 | 107123 | : | 1930 - | — | — |
| 1926 - | 9/24 | 108363 | : | 1931 - | 10/6 | 112350 |

Blossom dates: 1924 - 5/3, full bloom.
1925 - 4/15, 25% buds open; 4/20, full bloom - few clusters, mostly terminal.
1926 - 5/3, full bloom, petals falling considerably.
1927 - 4/16, 10% buds open.
1928 - 4/26, first bloom; 5/2, 90% buds open.

Remarks: There are apparently no Am. and Acc. Nos. for this orchard location. Fruit was identified in 1924 as *Smith Cider* and apparently no question raised in later years regarding its correctness.

Medium to good size; fairly regular, halves sometimes unequal, roundish carled to oblate and slightly concave; cavity varying from deep, abrupt to rather narrow and shallow, stem variable 5/8" to 1",

Characterization: slender to medium; basin widely variable, sometimes rather deep, fairly broad, abrupt, sometimes more shallow; sepals large, long, converging; eye large but mostly closed. Cavity somewhat recessed. Ground color pale green, sometimes pretty well overcast with a pinkish red, sometimes a peculiar washed out coppery red with more or less indistinct striping. Dots variable, some raised, some submerged, brownish or yellowish, size medium, not very conspicuous except on highly colored surface. Flesh yellowish, satiny, fine grain, tough, mild subacid, badly watercored 7/23/25 but (over)

seems too immature for quality note.
10/26 rather immature, but quality
apparently only moderately good.

Second sheet, Variety

Smith Cider

767

Storage notes:

4:17-18:3

1928 crop. Stored 1/8; cut Jan 15/29.
Exam. 1/19/29. Some watercoreing
considerably past prime; beginning
to break down. Texture rather coarse,
tender, tends to mealiness, lacks juice,
very mild subacid without much flavor,
distinctly poor.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

11/14/28

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium straight (crooked)

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short, (Straight) branched twiggy; (Medium) open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Many water sprouts on main limbs.
Curva of main limbs, angle of growth of
the secondary limbs, and habit of branching
appear to be characteristic features of the tree.
A poor type.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Smith Early Red*

Pomology No. 40488

Orchard location: Section *B* Row *12* Tree *1*

Arlington Accession No. *6324*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/28</i> | <i>102637</i> | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | <i>8/22</i> | <i>110350</i> |
| 1924 - | <i>9/13</i> | <i>105393</i> | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>9/7</i> | <i>107935</i> | : | 1931 - | — | — |

Blossom dates: 1924 - *5/2, full bloom*
1925 - *no bloom*
1926 - *4/30, fruit bloom (bare)*
1927 - *4/14 " " ; 4/25, 75% buds open; 4/11, full bloom.*

Remarks:

Propagated from scions from W. H. Brown, received 4/10/08. An Amburiana variety. Scions from Mr. Brown's private collection in Buckingham.

Characterization: *1924 In form, cheeks with fainting, lower. No. 14158; fruits not as large as painting, but more highly colored. In 1928, fairly good size, irregular, somewhat ribbed, sharply calyx. 1924, peculiarity in form of apex widest but not as marked as in painting No. 14158. Core, medium, rather abrupt; stem 1/2" medium stout. Basin rather deep, distinctly abrupt. Sometimes ribbed; sepals fairly large, rather small, covering eye area. Ground color when fully ripe yellow, which well colored with solid red with distinct broad, more or less broken stripes. In 1926 it is over red and cover*

thin and fruit less attractive than
in 1724, sometimes heavy white
bloom. Sals scattered minute, white
or yellowish, inconspicuous.
Flute yellowish, fairly fine grain, rather
tough, fairly juicy, mild to brack subacid,
probably dependent on maturity, lacking
in richness and purity. 9/27/24 too
poor to be of value but still pretty fine.
Apparently not of any particular value.

Second sheet, Variety

Smith Early Red

769

Storage notes:

1926 crop. First examined 9/16/26.

Put at room temp. until 10/26. Then all but 1 fruit was badly decayed. Flesh of that one was rather tough, moderately juicy, rather pink subacid, fairly rich but acidely rather harsh. Probably picked too early. Suggested that held on but longer, then kept in cold storage a while it might prove to be a fairly good apple.

Vigor of Tree: Exceptionally strong average weak. Size:

" ~~very poor~~ Exceptionally large average ~~large~~ small

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall,

Illustrations:

Tree photographed

Fruit painted #14158-110350- Fruit modeled
out apparently unlike

Fruit described None

Disease notes by J. W. Roberts:

Tree too weak to note in detail. Trunk and one main limb on southwest side appear to have suffered some years ago from sunscald. General effect is that of a small weak tree but has made but little growth. Location not especially different from that of fairly good trees.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Snowflakehouse* (Received as *Snowflakehouse* but question if it differs from *Snowflakehouse*)
Pomology No. 40571
Orchard location: Section *H* Row 9 - 10 Tree 1
Arlington Accession No. 6389

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | 8/28 | 110441 |
| 1924 - | | | : | 1929 - | 8/29 | 111123 |
| 1925 - | | | : | 1930 - | — | — |
| 1926 - | | | : | 1931 - | 9/16 | 112306 |

Blossom dates: 1924 - 5/2, 90% buds open; 5/6, buds mostly open.
1925 - 4/15, 75% " " 4/20, fruit full, all buds
1926 - 4/30, 75% " " 4/20, fruit full, all buds
1927 - 4/20, first bloom; 4/26, 20% buds open; 5/1, 75% buds open.

Remarks: Note - Oct. 4/25 - see Arlington Farm Journal for previous notes. It was in notes for 1928 that *Snowflakehouse* appears: "No appreciable difference between the two" - referring to *Snowflakehouse* (this variety) and *Snowflakehouse*.
Seeds received 3-13-08 from private collection of W. H. Swine, E. Cheshire.

Characterization: Oct. 4/25. Specimens this year better colored than usual. All have considerable red and some have nearly complete overcoat with a little indistinct striping. Fruits ununiform in high color and do not appear as breaks in skin as sometimes. Sept. 3/29. Fruit small, not much color. Picked too early.
Sept 16/31. Fruits well developed but no color.
Oct. 6/31. Better colored and better finished than *Snowflakehouse* many times. Good size.

Storage notes:

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
Good condition medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very medium slender
Strong - well branched stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. Well branched.

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Fruit modeled

Fruit described

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

772

Variety: *Amorhouse*

Pomology No. —

Orchard location: Section *E* Row *11-12* Tree *2*

Arlington Accession No. *4211*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/28</i> | <i>102644</i> | : | 1927 - | <i>9/21</i> | <i>109542</i> |
| 1923 - | <i>10/4</i> | <i>104184</i> | : | 1928 - | | |
| 1924 - | <i>9/13</i> | <i>105352</i> | : | 1929 - | | |
| 1925 - | <i>9/17</i> | <i>106829</i> | : | 1930 - | | |
| 1926 - | <i>10/20</i> | <i>108490</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/28, first bloom; 5/6, petals mostly off - still buds.*
 1925 - *4/14, petals dropping some; 4/18, petals mostly off.*
 1926 - *4/30, 90% buds open*
 1927 - *4/12, 10% " "*

Remarks: *Scions received 2/14/03 from Kansas State Agricultural College, Manhattan, Kans.*

Characterization: *None of importance made*
Probably same notes as Arlington Farm. Notes for 1927 & 1928 - also 1925.

Neg No. 49015

Second sheet, Variety

Smokehouse acc. 16,4211

773

Storage notes:

(8:11-12:2)

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

124/28

Habit of Growth: Very upright roundish (broad flat spreading)
Central leader: Partially retained (disappeared)

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender
stout) Medium straight (crooked)

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short, Straight branched twiggy; Medium open
dense; Willowy. *distributed all through the top.*

Spurs: Very many (medium) few; Very (medium slender stout);
1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

General stocky appearance - crooked upper limbs.

Illustrations:

Tree photographed *Aug. 49018*

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sops of wine (Incorrectly named)*

Pomology No. *?*

Orchard location: Section *A* Row *11* Tree *2*

Arlington Accession No. *13486*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | <i>10/3</i> | <i>107021</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -
1925 - *4/13. 20% buds open; 7/16, part full*
1926 -
1927 -

Remarks: *No other record.*
Identity undetermined.
Parentage: several of probably authentic fruit
of Sops of wine
Descriptions: several - Sops of wine

Characterization:

1911 1912 1913

The following is a list of the names of the persons who have been elected to the office of Mayor of the City of New York, from 1911 to 1913.

1911
 1912
 1913

| Year | Name | Party | Year | Name | Party |
|------|------------------|-------|------|------------------|-------|
| 1911 | John A. B. Smith | Dem. | 1912 | John A. B. Smith | Dem. |
| 1912 | John A. B. Smith | Dem. | 1913 | John A. B. Smith | Dem. |
| 1913 | John A. B. Smith | Dem. | | | |

1914
 1915
 1916
 1917

The following is a list of the names of the persons who have been elected to the office of Mayor of the City of New York, from 1914 to 1917.

1918
 1919
 1920

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Souland (Crab)*
Pomology No. *apparently not recorded*
Orchard location: Section *7* Row *25-26* Trees *3*
Arlington Accession No. *4725*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/19</i> | <i>102801</i> | : | 1927 - | | |
| 1923 - | <i>10/4</i> | <i>104160</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108707</i> | : | 1931 - | | |

Blossom dates: 1924 - *5/2, first bloom; 5/6, petals still held on - still few buds.*
1925 - *4/14, " " ; 7/20, 75% buds open;*
1926 - *4/30, " " ; 4/23, 90% " "*
1927 - *5/2, 75% petals remain on - about with dry rain*

Remarks: Notes Nov. 16/26. Small - about $1\frac{3}{4}$ " to $1\frac{1}{8}$ " oval, smooth, regular. Cavity, narrow, shallow; stem about $\frac{1}{2}$ ", slender; basin medium, eye small, closed. Color medium yellow (soft colored) dots many, minute, submerged, almost same color as skin, hardly perceptible. Flesh yellowish, fine grain, firm, hard, fairly juicy, somewhat acid.

Characterizations: *terribly astringent. Seeds small, dark brown. In longitudinal section the striking feature is the deep cylindrical clyx tube - which extends full width to the core with a fleshy pistil which extends to the eye.*

1911 1912 1913

The following table shows the results of the
 experiments conducted during the year 1911.

The first series of experiments was conducted
 during the month of January, and the results
 are given in the following table.

| Time | Temp. | Pressure | Volume | Weight | Notes |
|-------|-------|----------|--------|--------|-------|
| 10.00 | 20.0 | 760.0 | 100.0 | 1.000 | |
| 10.10 | 20.5 | 760.5 | 100.5 | 1.005 | |
| 10.20 | 21.0 | 761.0 | 101.0 | 1.010 | |
| 10.30 | 21.5 | 761.5 | 101.5 | 1.015 | |
| 10.40 | 22.0 | 762.0 | 102.0 | 1.020 | |
| 10.50 | 22.5 | 762.5 | 102.5 | 1.025 | |
| 11.00 | 23.0 | 763.0 | 103.0 | 1.030 | |
| 11.10 | 23.5 | 763.5 | 103.5 | 1.035 | |
| 11.20 | 24.0 | 764.0 | 104.0 | 1.040 | |
| 11.30 | 24.5 | 764.5 | 104.5 | 1.045 | |
| 11.40 | 25.0 | 765.0 | 105.0 | 1.050 | |
| 11.50 | 25.5 | 765.5 | 105.5 | 1.055 | |
| 12.00 | 26.0 | 766.0 | 106.0 | 1.060 | |

The second series of experiments was conducted
 during the month of February, and the results
 are given in the following table.

| | | | | |
|-------|------|-------|-------|-------|
| 10.00 | 20.0 | 760.0 | 100.0 | 1.000 |
| 10.10 | 20.5 | 760.5 | 100.5 | 1.005 |
| 10.20 | 21.0 | 761.0 | 101.0 | 1.010 |
| 10.30 | 21.5 | 761.5 | 101.5 | 1.015 |
| 10.40 | 22.0 | 762.0 | 102.0 | 1.020 |
| 10.50 | 22.5 | 762.5 | 102.5 | 1.025 |
| 11.00 | 23.0 | 763.0 | 103.0 | 1.030 |
| 11.10 | 23.5 | 763.5 | 103.5 | 1.035 |
| 11.20 | 24.0 | 764.0 | 104.0 | 1.040 |
| 11.30 | 24.5 | 764.5 | 104.5 | 1.045 |
| 11.40 | 25.0 | 765.0 | 105.0 | 1.050 |
| 11.50 | 25.5 | 765.5 | 105.5 | 1.055 |
| 12.00 | 26.0 | 766.0 | 106.0 | 1.060 |

The third series of experiments was conducted
 during the month of March, and the results
 are given in the following table.

| | | | | |
|-------|------|-------|-------|-------|
| 10.00 | 20.0 | 760.0 | 100.0 | 1.000 |
| 10.10 | 20.5 | 760.5 | 100.5 | 1.005 |
| 10.20 | 21.0 | 761.0 | 101.0 | 1.010 |
| 10.30 | 21.5 | 761.5 | 101.5 | 1.015 |
| 10.40 | 22.0 | 762.0 | 102.0 | 1.020 |
| 10.50 | 22.5 | 762.5 | 102.5 | 1.025 |
| 11.00 | 23.0 | 763.0 | 103.0 | 1.030 |
| 11.10 | 23.5 | 763.5 | 103.5 | 1.035 |
| 11.20 | 24.0 | 764.0 | 104.0 | 1.040 |
| 11.30 | 24.5 | 764.5 | 104.5 | 1.045 |
| 11.40 | 25.0 | 765.0 | 105.0 | 1.050 |
| 11.50 | 25.5 | 765.5 | 105.5 | 1.055 |
| 12.00 | 26.0 | 766.0 | 106.0 | 1.060 |

The fourth series of experiments was conducted
 during the month of April, and the results
 are given in the following table.

| | | | | |
|-------|------|-------|-------|-------|
| 10.00 | 20.0 | 760.0 | 100.0 | 1.000 |
| 10.10 | 20.5 | 760.5 | 100.5 | 1.005 |
| 10.20 | 21.0 | 761.0 | 101.0 | 1.010 |
| 10.30 | 21.5 | 761.5 | 101.5 | 1.015 |
| 10.40 | 22.0 | 762.0 | 102.0 | 1.020 |
| 10.50 | 22.5 | 762.5 | 102.5 | 1.025 |
| 11.00 | 23.0 | 763.0 | 103.0 | 1.030 |
| 11.10 | 23.5 | 763.5 | 103.5 | 1.035 |
| 11.20 | 24.0 | 764.0 | 104.0 | 1.040 |
| 11.30 | 24.5 | 764.5 | 104.5 | 1.045 |
| 11.40 | 25.0 | 765.0 | 105.0 | 1.050 |
| 11.50 | 25.5 | 765.5 | 105.5 | 1.055 |
| 12.00 | 26.0 | 766.0 | 106.0 | 1.060 |

The fifth series of experiments was conducted
 during the month of May, and the results
 are given in the following table.

Second sheet, Variety

Standard Crab

776

Storage notes:

Crop 1926. Out of storage 7/11/27;
exam. 7/16/27. Most fruits have kept well,
but some have developed a good deal
of scald. They are still very hard.
Flesh is fine grain, quite juicy,
mild subacid; a good deal of astringency.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
well branched stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;

Many small secondary Drooping. Good no. well branched, somewhat crooked.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short, straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium (slender) stout;

1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #39552

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

On main limbs there is apparently some
disease - outside bark peeling off. Seems to be
superficial infection. May be caught in outer
tissues - more on under than on upper
sides of limbs.

Acc No. 5078 - Pam No. 34100

" " 5079 " " 34101

" " 5080 " " 34102

the above numbers

all need to be checked back to the Pam. Nos. Each was viewed as a single grafted tree May 26/05

under restrictions. No information appears on the acc. cards as to variety or source. Since they proved to be Spencer seedlings in type it is assumed they were that variety, as did acc. No. 5276, Pam. 35819, scions of which were received 3/30/06 under ^{the} name Baltimore. The name Spencer seedling appears in the orchard records for acc. No. 5078 planted at C:4:4. This apparently was not Spencer seedling but how the acc. No. 5078 came to be applied to this tree is not clear. (over)

The foregoing 3 numbers, also
no. 34103 which does not appear
in the orchard records were
received by express and represented
trees numbered 1, 2, 3, and 4.
While shipped from N.Y. they
were described as trees of the Spencer
seedling which came from
Wm. Schen Grand Junction
Colo. Though no letter or
other information appears to
have been received with the
trees except the name of sender
Wm. Schen, he had previously
agreed to send trees of this
variety - hence it was assumed
at the time that these trees
were Spencer seedlings

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Spencer Seedless

Pomology No.

34100

Orchard location: Section

J

Row

12

Tree 2

Arlington Accession No.

5078

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | 9/28 | 109618 |
| 1923 - | — | — | : | 1928 - | — | — |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | 10/10 | 107113 | : | 1930 - | — | — |
| 1926 - | 9/24 | 108366 | : | 1931 - | 10/6 | 112353 |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

See reverse side of cover sheet.

Characterization:

10/6/27 Medium size and above; cavity in many cases very shallow and broad; stem 1/2" slender. Ground color greenish, with well over-
 stood with a dull waxy red with a little indistinct
 striping and splashing; dots large, red, areolar,
 the red in some cases has a corky coat. Considerable
 heavy mottling, making a coarse, poorly finished
 unattractive apple. Flesh yellowish, grain a
 little coarse, rather grainy, looks juicy, mild flavored,
 rather flat, not better than fair. Of course the (over)

peculiar eye and core formations
are the interesting features of this
apple, this interest being largely
morphological.

Second sheet, Variety

Spencer Seedling (un. no. 5078)

J:12:2

Storage notes:

*See record for Feb 9/28 for
fruit from J:13:4.*

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal. *60% B.*

Habit of Growth: Very upright (roundish) broad flat spreading
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch); Mostly branched unbranched;

Spur twigs: Few medium (many); Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open dense stocky
grower); Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *several of type* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Spencer Seedling (probably seedling) (but that it is sometimes as an apple is not)*
Pomology No. *none offered for Spencer Seedling (Spencer Seedling)*
Orchard location: Section *C* Row *4* Tree *4*
Arlington Accession No. *2*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | — | — |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | <i>10/6</i> | <i>107124</i> | : | 1930 - | — | — |
| 1926 - | <i>11/11</i> | <i>108708</i> | : | 1931 - | — | — |

Blossom dates: 1924 -
1925 - *4/14, 90% buds open; 4/15 nearly all petals fallen - few are dropping + flowers appear to be not Spencer seedling type.*
1926 - *4/29, 40%*
1927 -

Remarks: According to the orchard map *C:4:4* should be acc. no. 1940 yellow Newtown. Apparently *C:3:4* is that variety but there appears to be no record of *C:4:4* being planted to 5078. Where the record in the orchard note book of Spencer seedling - came from is not known but since no. 5078 is Spencer seedling (probably - from no. 34100) it seems likely it is a mis-reading of seedling. yet the fruit is not Spencer seedling.

Characterization: it is a mis-reading of seedling. yet the fruit is not Spencer seedling.
In 1925 it was noted that the tree was small and question raised as to whether it might not be a sport from the stock grown in place of the original tree that might have had something in its composition very late.
(over)

Characterization: ¹⁰ 2/25 Record of variety
locking, and identity undetermined.
Fruits below medium, distinctly oblate,
many fruits lopsided but halves equal
or nearly so. Cross section 2 many
fruits ellipsoidal (compressed?).
Surface of many specimens is
bumpy? (pimple?). Cavity deep, acute;
basal rather deep. Broad (wide),
ground color yellow, overspread with
dark red, indistinct stripes, a heavy
bluish bloom; dots numerous, yellowish
inconspicuous. Flesh yellowish, fine
grain, firm, fairly juicy, straight,
subacid, spicy rich. ¹⁰ 2/26 Still
immature. When fully ripe it would
probably be exceptionally good in
quality.

See storage note for further
statement on quality.

Second sheet, Variety

Spencer Seedling (or seedless
avocado?)

Storage notes:

C: 4:4

Crop of 1926. Out of storage 4/11/27. Exam. 4/16/27

One of 7 fruits decayed; others in good condition,
firm and solid. Flesh yellowish, fairly fine grain,
tendency to mealiness, somewhat lacking in juice, a
peculiar characteristic flavor fully as pronounced as when
examined last fall. Flesh is watery. Below good
in quality.

Other storage notes in book for 1926.

Vigor of Tree: Exceptionally strong (average) weak. Size:
(Exceptionally large average small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium (long) short; Very medium (slender)
stout; Medium straight crooked. Not well branched

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout)
short 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Trunk is about 4" in diameter. May be a sprout
from stock. Difficult to
account for this tree
otherwise

Illustrations:

Tree photographed

Fruit painted #107124

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Spencer Seedling* (see under Remarks)

Pomology No. 34101

Orchard location: Section *I* Row *11* Tree *3*

Arlington Accession No. *5079*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/11</i> | <i>102792</i> | : | 1927 - | | |
| 1923 - | <i>10/12</i> | <i>104251</i> | : | 1928 - | | |
| 1924 - | <i>10/18</i> | <i>106005</i> | : | 1929 - | | |
| 1925 - | — | | : | 1930 - | | |
| 1926 - | — | | : | 1931 - | | |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

The orchard records also cover *J:12:2* which according to the map was apparently Acc. No. 5078. Acc. No. 5078 was recorded as 1 grafted tree 7/26/05 under restrictions.

See reverse of cover sheet.

Characterization:

No records on fruit other than above - except by way of confirmation of variety - or variety type.

General Ledger

1911

1912

1913

1914

1915

1916

| 1917 | 1918 | 1919 | 1920 | 1921 | 1922 |
|------|------|------|------|------|------|
| 1923 | 1924 | 1925 | 1926 | 1927 | 1928 |
| 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
| 1935 | 1936 | 1937 | 1938 | 1939 | 1940 |
| 1941 | 1942 | 1943 | 1944 | 1945 | 1946 |
| 1947 | 1948 | 1949 | 1950 | 1951 | 1952 |

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

Second sheet, Variety

Spencer Seedling

783

J:11:3

Storage notes:

11/6/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal. *50% still on.*

Habit of Growth: Very upright (roundish) broad flat ^(slightly) spreading
Central leader: Partially retained (disappeared.)

Branching:

Primary limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
(short), (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched);

Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *several of type* Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

*Good type of tree so far as habit of growth
is concerned. A little of the peculiar type
of Delicious - not quite as characteristic.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Spencer Seedless* * (Record as Baltimore)
Pomology No. 35819 * (J:14:4 is Baltimore)
Orchard location: Section *2* Row *13* Tree *4*
Arlington Accession No. *5246* *

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/28</i> | <i>109619</i> |
| 1923 - | <i>10/12</i> | <i>104247</i> | : | 1928 - | <i>9/8</i> | <i>110410</i> |
| 1924 - | — | — | : | 1929 - | — | — |
| 1925 - | — | — | : | 1930 - | — | — |
| 1926 - | <i>9/24</i> | <i>108365</i> | : | 1931 - | — | — |

Blossom dates: 1924 -
1925 - *4/20*, some sepals are expanding.
1926 -
1927 - *5/1*, buds are starting

Remarks:

* Scions under these Pom. & Acc. record numbers were received 3/30/06 under the name Baltimore, but the fruit proved to be of the Spencer Seedless type. Where the mistake occurred is difficult to say. Apparently J:14:4 is Baltimore. Likely vacant space at J:13:4 was planted to a Spencer Seedless type tree and making orchard record to conform. Characterization: *was overlooked. (see over)*

1926 notes.

Below medium size (smaller than usual), ground color yellow with greenish cast (*9/26*) probably being the latter when fully ripe; dots numerous, large, coarse, mixed brownish, some being practically irregular blotches in the skin; some dull overtopped of red and indistinct striping. Flesh yellow rather fine grain, fairly juicy, firm and hard at this time; mild subacid, lacks richness; quality hardly fair; not yet ripe *9/26*.

As indicated, both Pam. No. 35819
and Acc No. 5246 belong with Bellmore
series of which were viewed from
Edson Gaylord, Mora Springs, La
5/30/06. The strip is not now
readily available.

Second sheet, Variety

Spencer Seedless (D:13:4) 755

Storage notes: 1927 Crop. stored 10/7; out of storage 11/19/28; exam. 7/8/28. Some fruits have scalded badly; otherwise firm and hard. Flesh fairly fine grain, considerable body, decidedly lacking in juice though not really - simply (hard and dry). Mild subacid with very little flavor - poor in quality, mainly because of lack of flavor.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short, Straight branched twiggy; Medium open dense: Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several of type Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

11/6/28

Refer to other description of same variety.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Should be Spencer Seedless. May be {Nordmann or James Winter*

Orchard location: Section *I* Row *12* Tree *4*

Arlington Accession No. *5080*

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------------------------------|-----------------|--------|-------------|-----------------|
| 1922 - | | | 1927 - | | |
| 1923 - | <i>may be other records</i> | | 1928 - | | |
| 1924 - | <i>somehow</i> | | 1929 - | | |
| 1925 - | <i>Tree card under James Winter</i> | | 1930 - | <i>9/19</i> | <i>111659</i> |
| 1926 - | | | 1931 | | |

Blossom dates: 1924 *5/2, 75% buds open; 5/6, 90% buds open.*
1925- *4/15, 50% " " ; 4/20, full bloom*
1926- *4/30, 25% " "*
1927- *5/2, past full, few petals remain*
1928- *4/26, first bloom; 5/1, 35% buds open*

Remarks: *No other records under Nordmann -
may be under Spencer Seedless*

Characterization:
#5080 was another Spencer Seedless tree (or intended to be) the tree was evidently not planted through this orchard location was supposed to be a tree of that variety - but was not.

787
Second sheet, Variety *acc* No. 5080 - should be
Storage notes: *Spencer Seedless - which it is not.*
May be Nordhousen or James
Whitner

11/6/28

Vigor of Tree: Exceptionally(strong) average weak. Size:
Exceptionally(large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium (long) short; Very(medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top(round) much broader narrower than tall.

A good type of tree to top work.
Illustrations:

Tree photographed

Fruit painted

Fruit modeled

Fruit described

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Spice*

Pomology No. *24512*

Orchard location: Section *6* Row *7-8* Tree *3*

Arlington Accession No. *3003*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/11</i> | <i>102250</i> | : | 1927 - | <i>8/17</i> | <i>107360</i> |
| 1923 - | <i>8/21</i> | <i>103840</i> | : | 1928 - | | |
| 1924 - | <i>9/15</i> | <i>105495</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/3*, full bloom - bloom very light.
1925 - *4/14*, 20% buds open; *4/18*, little past full.
1926 - *4/25*, center buds open, few clusters open.
1927 -

Remarks: *Seeds removed 3/28/02 from*
O. R. Shaw, Fredens, Ia.

Characterization: 1927 *Wata* - *1/2* Medium size, smooth, fairly regular. Some what oblate conic. Ground color pale yellow with fairly complete overpread of bright red stripes and splashes; a whitish bloom. Pits minute, whitish, submerged, inconspicuous. Flesh tinged yellow over under, fine grain, fairly juicy, slightly subacid, slightly spicy. Flavor pleasant, good or better in quality. Specimens now (*1/2*) perhaps a little over ripe.

Second sheet, Variety

Spica

789

Storage notes:

11/1/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially (retained) disappeared.

Branching:

extend straight out from central leader
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *will place diagram of*

Twigs: (Many) medium few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender) stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky

6' - 8' grower; Top round much broader narrower than tall.

Illustrations: *formed symmetrical tree*

Tree photographed Neg. No. 47927

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

790

Variety: *Springdale*

Pomology No. 24331

Orchard location: Section *B* Row *14-20* Tree *2*

Arlington Accession No. *1913*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>10/6</i> | <i>109657</i> |
| 1923 - | <i>10/26</i> | <i>104321</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>10/10</i> | <i>107125</i> | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108709</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/26, first bloom; 5/1, full bloom.*
 1925 - *4/14, few buds still, petals dropping.*
 1926 - *4/25, 75% buds open*
 1927 - *4/12, 20% " "*

Remarks: *Scions from N.Y. exp. station in 1902.*

Characterization:
 Medium size, regular, except indistinct ribbing.
 Cavity and basin medium width, medium width.
 Ground color yellow nearly covered with dark red
 stripes and splashes and indistinct stripes;
 same buttermilk overcast; dots slightly
 raised, same areoles, same yellowish, same
 crown, conspicuous. Flesh yellowish, quite satiny,
 tinted green in certain areas, fine grain,
 juicy, subacid. *7/23/25 too immature for quality note.*

7/12/27 Mild subacid, rather flat, below
good in quality.

7/13/28. Fairly sprightly subacid, looks
richness, hardly better than 5000.
Still rather immature. Might be
fair in prime existing condition.

Second sheet, Variety

Springdale Acc. No. 1913
B:19-20:2

Storage notes:

1926 Crop. Out of storage 1/27. Exam. 1/12/27
a good deal of scale has developed. Otherwise
in good physical condition.

1927 Crop. Stored 10/11; out 2/28. Exam. 3/13/28
In good physical condition; still firm
and hard. Would have kept considerably
longer. Still too immature for final quality
note - now for quality.

Vigor of Tree: Exceptionally strong average weak. Size:
" ~~very poor~~ Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared. 1/6/28

Branching: ~~main sprouts developing in large numbers,~~
Main limbs: Very medium long short; Very (medium) slender
stout; Medium straight crooked. Covered with ~~burn~~ knots
Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. ~~appear to be mostly dead.~~

Twigs: Many medium few; Medium slender stout; Long medium
short, Straight branched twiggy; Medium open
dense; Willowy, ~~on old wood, new growth, no spurs,~~

Spurs: Very many medium (few) Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Tops of many main limbs have been cut off -
Illustrations: (Dead?)
Tree photographed Neg. 24,47558

Fruit painted ~~several~~ Fruit modeled

Fruit described #21090 - 23935

Disease notes by J. W. Roberts:

Tree practically worthless in present
condition. Badly weakened apparently
because of burn knot development. At
best condition and great abundance
of burn knots appear to be associated.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Standard*

Pomology No. *24332*

Orchard location: Section *B* Row *19-20* Tree *3*

Arlington Accession No. *1914* (See Acc. No. 3012 - also *Standard - C:11-12:1*)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102584</i> | : | 1927 - | | |
| 1923 - | <i>9/3</i> | <i>103888</i> | : | 1928 - | | |
| 1924 - | <i>9/15</i> | <i>105371</i> | : | 1929 - | | |
| 1925 - | <i>8/21</i> | <i>106663</i> | : | 1930 - | | |
| 1926 - | <i>8/26</i> | <i>107773</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/26, 25% buds open; 4/30. full bloom*
1925 - *4/14, full bloom - few clusters only; leaves nearly full growth.*
1926 - *4/28, part full bloom.*
1927 -

Remarks: *Scions received in 1902 from the New York State Expt. Station, Geneva.*

Characterization: *Medium size, oblate cone to roundish cone. Ground color yellow nearly overpread with bright red, some indistinct striping sometimes. Bats numerous, large irregular, appearing sometimes as minute russet spots; concentric cracks about the basin sometimes give a coarse finish - these are absent some seasons. Flesh yellowish, fine grained considerable body, somewhat lacking in juice, mild subacid; fairly pleasant but lacks richness - not much quality.*

Second sheet, Variety

*Standard (Acc. No. 1914
B: 19-20:3) 793*

Storage notes:

date ?

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading
Central leader: Partially retained disappeared.

Branching: *well branched*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium
short, Straight branched twiggy; Medium open
dense; *Willowy*.

Spurs: (Very many) ^{*all along twigs giving striking appearance to tree.*} medium few; Very medium slender (stout)
(1/2 - 1 - 2) - 3 inch; ^{*Some*} Mostly branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
" *Some*, considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader, narrower than tall.

The way the spurs stand out on twigs is striking.

Illustrations:

Tree photographed Neg. No. 47896

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

11

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Standard

Pomology No.

24471

Orchard location: Section

6

Row

11-12

Tree

1

Arlington Accession No.

3012

*(see acc. No. 1914, also
Standard, B:14-20:3).*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/19</i> | <i>102290</i> | : | 1927 - | | |
| 1923 - | <i>—</i> | <i>—</i> | : | 1928 - | | |
| 1924 - | <i>9/13</i> | <i>105373</i> | : | 1929 - | | |
| 1925 - | <i>—</i> | <i>—</i> | : | 1930 - | | |
| 1926 - | <i>8/26</i> | <i>107774</i> | : | 1931 - | | |

Blossom dates:

1924 - *5/1, full bloom, very light except 1 limb.*
1925 - *4/14, past full bloom.*
1926 -
1927 - *4/29, full bloom.*

Remarks:

*Scions received 4/5/27 from Benj. Buckman,
Farmington, Ia.*

Characterization:

*See acc. Record for 1914 for
other fruit data.*

1911-1912 ANNUAL REPORT

Prepared by the
 Board of Education

The Board of Education
 of the City of New York

| General Information | | Financial Statement | | Summary of Work | |
|---------------------|-------------|---------------------|-------------|--------------------|-------------|
| Item | Amount | Item | Amount | Item | Amount |
| Salaries | \$1,000,000 | Salaries | \$1,000,000 | Salaries | \$1,000,000 |
| Operating Expenses | \$500,000 | Operating Expenses | \$500,000 | Operating Expenses | \$500,000 |
| Capital Expenses | \$200,000 | Capital Expenses | \$200,000 | Capital Expenses | \$200,000 |
| Interest | \$100,000 | Interest | \$100,000 | Interest | \$100,000 |
| Depreciation | \$50,000 | Depreciation | \$50,000 | Depreciation | \$50,000 |
| Reserve | \$100,000 | Reserve | \$100,000 | Reserve | \$100,000 |
| Total | \$1,850,000 | Total | \$1,850,000 | Total | \$1,850,000 |

The Board of Education of the City of New York has the honor to acknowledge the receipt of the report of the Board of Education of the City of New York for the year 1911-1912. The report is a most interesting and valuable one, and it is a pleasure to find that the Board has been able to accomplish so much in the past year.

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Second sheet, Variety

Stamard (acc. No. 3012)

775

C: 11-12:11)

Storage notes:

1/7/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Small, poor scraggly grower.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight (crooked)

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *Small (short) but stout.*

Twigs: Many (medium) few; Medium slender (stout) Long medium
(short) Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout)
1/2 - (1 - 2 - 3 inch) (mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *Heg. No. 47932*

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*Small scraggly growth with secondary
limbs and twigs lined with stout spurs and
spur twigs make a striking tree. Character
of growth in contrast to tree of acc. No. 1914
which was a tree of average size and vigor.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Stark

Pomology No.

24334

Orchard location: Section

13

Row

19-20

Tree

5

Arlington Accession No.

1916

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/19</i> | <i>102802</i> | : | 1927 - | | |
| 1923 - | <i>10/26</i> | <i>104316</i> | : | 1928 - | | |
| 1924 - | <i>10/21</i> | <i>105956</i> | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | <i>10/20</i> | <i>108710</i> | : | 1931 - | | |

Blossom dates:

1924 - *4/26*, first bloom; *5/11*, full bloom.
1925 - *4/4* 25% buds open - few clusters only
1926 - *4/28*, 50% " "
1927 -

Remarks:

Scions received in 1902 from the New York Expt. Station, Geneva.
11/5/23 noted - "very fine for the variety"

Characterization:

1926 notes. Small for the variety. Not above medium (seed for identification, these specimens would puzzle us more than Stark usually does). Surface is smoother than Stark commonly is. Ground color is yellow or greenish yellow, pretty well overtopped with a thin wash of coppery red and somewhat darker stripes. A little buttermilk wash. Flesh yellowish, more juicy, finer grain and better quality than this variety usually is.

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| Johnson, William | History of the United States | 1790 | 2 | 101-200 | |
| Adams, Thomas | History of the United States | 1791 | 3 | 201-300 | |
| Lincoln, Abraham | History of the United States | 1792 | 4 | 301-400 | |
| Washington, George | History of the United States | 1793 | 5 | 401-500 | |
| Jefferson, Thomas | History of the United States | 1794 | 6 | 501-600 | |
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Second sheet, Variety *Stark*

Storage notes: 1926 Crop. Out of storage $3\frac{1}{2}$ years. $4\frac{1}{2}$ years. $12\frac{1}{2}$ years. Fruit in office refrigerator meanwhile.

Fruit has kept well - no scald - no shriveling. Has a dull coppery color - looks immature as if never opened well. Fairly fine grain, tender ^{quite} juicy, very mild subacid, rather flat with a ~~little~~ suggestion of astringency. Probably fairly good for the variety - apparently did not improve me as being as good as it was last fall.

Vigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(secondary limbs) spreading. Central leader: Partially retained disappeared.

11/7/28

Branching: *well branched*

Main limbs: Very medium long short; Very medium slender (stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: (Many) medium few; (Medium slender stout) Long (medium short); Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout) 1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

A fine strong tree.

Illustrations: Tree photographed Neg. No. 47912

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Starkey*

Pomology No. *24336*

Orchard location: Section *B* Row *21-22* Tree *2*

Arlington Accession No. *1918*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/30</i> | <i>102476</i> | : | 1927 - | | |
| 1923 - | <i>9/15</i> | <i>104014</i> | : | 1928 - | | |
| 1924 - | <i>9/5</i> | <i>105773</i> | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | <i>8/26</i> | <i>107802</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/26, first bloom; 5/1, full bloom.*
 1925 - *4/14, full bloom.*
 1926 - *4/28, 75% buds open.*
 1927 - *4/11, 10% " "*

Remarks: *Scions from New York Exp. Sta. Summer 1902.*

In 1923 this apple gave the impression of having merit - but not in subsequent years.

Characterization: *Medium size; ground color yellowish, partially overlaid with dull red and some indistinct stripes; dots fairly numerous, conspicuous - the combination making a dull red, not very attractive apple. Flesh yellowish, fairly tender, juicy, mild subacid, fairly good but with nothing in particular to commend it.*

Second sheet, Variety

Starkey

787

Storage notes:

1/6/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small,

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish (broad) flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
Smooth stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *well branched*

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine, large, clean strong tree
Illustrations:
Tree photographed *Neg. No. 47889*

Fruit painted *#23480*

Fruit modeled

Fruit described *Several*.

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

870

Variety: *Statesman*

Pomology No. 28479

Orchard location: Section *7* Row *9-10* Tree *5*

Arlington Accession No. *4359* *S.P.J. 6742*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/13</i> | <i>102858</i> | : | 1927 - | | |
| 1923 - | <i>10/4</i> | <i>104167</i> | : | 1928 - | | |
| 1924 - | <i>10/28</i> | <i>105993</i> | : | 1929 - | | |
| 1925 - | <i>10/10</i> | <i>107086</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - *5/2, 30% buds open; 5/6, part full*
 1925 - *4/15, 40% " " ; 4/20, little part full*
 1926 - *but still buds.*
 1927 -

Remarks: Scions received *9/19/01* from *Emerald*,
Victoria, through C. C. Nobels, Scion for Arlington
from nursery trees at Potomac & Co. (were recorded as Pom. No. 21749).
 Fruit specimens were received from *Arlington*
 each year under the name *Ben Davis*.
 The Acc. Record clearly gave the name *Statesman*
 with attending information.

Characterization:
1925 notes 10/22: Medium size, fairly regular, roundish
canis; ground color yellow, nearly overspread with
medium wash of red, an occasional faint blush,
a light buttermilk overspread on most fruits; dots
fairly numerous, some yellowish and submerged,
others brownish and raised; flesh white or only
slightly tinged yellow, fairly fine grain, somewhat
tough texture, lacks juice, mild subacid, not much
flavor. Fruit in nearly prime eating condition.
(over) (No 2d sheet)

3/2/26 - Tree small, on edge of bank
next road - roots probably good.

upright, spreading; normal
branching; a good number
of small spurs.

Painting: 113023 (probably

~~same route~~
description: None

VARIETY APPLE ORCHARD
Arlington Farm

801

Variety:

Stayman Winesap

Pomology No.

24335

Orchard location: Section

B

Row

22

Tree

1

Arlington Accession No.

1917

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | 10/6 | 109658 |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates:

1924 - 4/29, 50% buds open; 5/5, full bloom.
1925 - 4/14, 25% " " 4/16, "
1926 - 4/28, 25% " "
1927 -

Remarks:

Scraped from N.Y. Sta in 1902.
Why fruit records for only a single year were made is not clear! Whether the tree failed to bear or picking was overlooked is a question. Tree was in poor condition and for some reason never grew well. May have had severe crown gall attack.

Characterization:

10/27. Fairly good size, fairly uniform, roundish conic; cavity rather deep, medium width. Stem 1/2" to 3/4". Basin medium to shallow, sepals fairly long. Fairly large, recurved; eye closed. Medium size; ground color now greenish, with only a little red developed - a coarse pink net typical of the variety; dots moderately numerous, usually small, light yellow, rather inconspicuous; (over)

Flesh tinged yellow, rather coarse
texture but crisp, fruit juicy, mild
subacid, rather rich. For quality
see storage notes.

Second sheet, Variety

Stayman wine

802

Storage notes:

Crop 1927 - stored 10/11; out of storage 2/28, again 7/3/28. Well developed except for color - as previously noted. Same seed - otherwise in excellent condition. Fairly fine grain, tender, quite juicy, rather sprightly subacid; good but not as rich and pleasantly flavored as the variety at its best. There is a sharpness of acidity, though not very (over)

Vigor of Tree: Exceptionally strong average (weak). Size: Exceptionally large ^(below) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching: Fairly well branched as to number Main limbs: Very medium long short; Very (medium slender stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: (Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy, in places but not well distributed)

Spurs: Very many (medium) few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Tree never has grown well; general unthrifty appearance

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

pronounced, that does not seem
characteristic of the variety.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Stinson*

Pomology No. 40630

Orchard location: Section *H* Row 15-16 Tree 2

Arlington Accession No. 6412

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|------------------|----------------------|
| 1922 - | 8/14 | 102256 | 1927 - | 8/15 | 109281 |
| 1923 - | 8/15 | 103422 | 1928 - | 8/14 | 110270 |
| 1924 - | 8/29 | 105211 | 1929 - | — | — |
| 1925 - | 8/20 | 106633 | 1930 - | 7/29 } 8/20 } | 111497 } 111541 } |
| 1926 - | 8/27 | 107775 | 1931 - | 8/25 | 112275 |

Blossom dates: 1924 - 5/2, 75% buds open; 5/6, white part full.
1925 - 4/15, 20% " " ; 4/30, part full but still a few buds.
Row 16: 1926 - 4/30, 50% " " (Row 15: 2, only center buds open)
1927 - 4/30, first bloom; 7/26, 70% buds open; 8/1, 40%-50% buds open

Remarks:

Scions received 3/27/08 from W. N. Lawrie (see over) samples were checked in 1922 but questioned in 1923 because of discrepancies between fruit and description on file. In subsequent years, however, it was assumed that specimens were correctly identified.

Characterization: Size variable, some seasons averaging below medium but in 1927 with crop mostly on one limb. It was good size; roundish conic, sometimes oblate. Cavity rather deep, acute, acute, somewhat flattened; basin medium, smooth; eye small, closed - in 1927 open. Ground color pale yellow, well overspread with bright red; indistinct stripes; dots small, mostly inconspicuous, sometimes yellowish on red surface rather conspicuous, sometimes some brownish slightly raised. Flesh yellowish, fine grain, very tender but crisp, juicy, mild on acid, sprightly, rich, (over)

very pleasant - better than most varieties
of its season. Mr. Brown described it
as very good. In 1924 we considered this
a fair rating for it.

Source:

No. 40630 indicates scions from
Arthur H. Howell, Woodbridge, D.C.
received 3/24/08 designated as 17101.
Pam. Jour. No. 17101 refers to scions
received 1/3/09 from Miss Sarah
Stinson, Lyndon, Ohio -
for W. H. Brown. Scions
were taken from an old
tree in Dean orchard.

Now Arthur Howell of
Biological Survey - that
is where he worked (I knew
him well for many years 1889)
happened to have scions
Pam No. 40630 is quite
unmistakable now 12/2/43.

Presumably the name
Stinson merely reflects the
sender of No. (17101) -
Miss Sarah Stinson and
had no relation to John
Stinson of the Ark. and the
Mo. Fruit Exp. Station.

Second sheet, Variety

Stinsoni (#15-16:2)

Storage notes:

10/9/28

Vigor of Tree: Exceptionally strong average (weak) Size:

Exceptionally large average (small)

Foliage: ^(was) Very ^{now yellowing, considerable leaf spot.} abundant ^{normal} scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading),
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short: Very (medium ~~slender~~
stout) Medium straight crooked.

Secondary limbs: Numerous medium few: (Medium slender stout;
Drooping.

Twigs: Many (medium) few: (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few: Very (medium slender) stout;

1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 49042

Fruit painted

#106633-107775

Fruit modeled

Fruit described

#10347

Disease notes by J. W. Roberts:

Row 15:2 stands on edge of bank. Soil
likely thin. question whether small size and
weak condition due to habit or poor roots,
or unfavorable location.

VARIETY APPLE ORCHARD
Arlington Farm

905

Variety: *Struck*

Pomology No. *50535*

Orchard location: Section *K* Row *26* Tree *5*

Arlington Accession No. *10887*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>10/10</i> | <i>109655</i> |
| 1923 - | — | — | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>10/10</i> | <i>107117</i> | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -
1925 -
1926 -
1927 -

Remarks: *See my (1925) letter 7/15/11 in files. Apparently this variety was identified as Rambo and as 'Ralls' without reference to the records. The acc. no. record plainly gives the name as Struck. It is a little apple I found in Bedford Co. Va. long ago known as Struck and listed by its grower, W.M. Boyd, Roseland, Va. for home use as it was fairly good quality, right from the tree and attractive. Through a misreading of my writing Mr. Strain got the name in the records (perhaps pointing a description) as Stralls. 1927 Crop - Some notes - contain these characterizations! Large and to some extent (over)*

the form suggest Ralls. Ground
color yellow, with rather light
stripes. Flesh tinged yellow, fine
grain, tender, juicy, mild sub-
delicate but not high grade
appraised as of no particular value.

— 1000
— 1000
— 1000
— 1000

Second sheet, Variety

Streak (acc. No. 10887)

Storage notes:

Crop 1827. Out of storage 2/27/25
From 3/9/25 in refrigerator meanwhile
no statement of condition. Only character-
ization given on sheet 1.

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #26674

Fruit modeled

Fruit described #26674-42394

Disease notes by J. W. Roberts:

217
The first of these is the fact that the
the second is the fact that the
the third is the fact that the
the fourth is the fact that the

the fifth is the fact that the
the sixth is the fact that the
the seventh is the fact that the
the eighth is the fact that the
the ninth is the fact that the
the tenth is the fact that the

the eleventh is the fact that the
the twelfth is the fact that the

the thirteenth is the fact that the
the fourteenth is the fact that the

the fifteenth is the fact that the
the sixteenth is the fact that the

VARIETY APPLE ORCHARD
Arlington Farm

59

Variety: *Streak*

Pomology No. 50535

Orchard location: Section *K* Row *26* Tree *5*

Arlington Accession No. *10887*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>10/10</i> | <i>109655</i> |
| 1923 - | <i>9/15</i> | <i>104021</i> | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | <i>9/10</i> | <i>106830</i> | : | 1930 - | | |
| | <i>10/10</i> | <i>107117</i> | : | 1931 - | | |
| 1926 - | — | — | : | | | |

Blossom dates: 1924 - —

1925 - —

1926 - —

1927 - —

Remarks: This apple was variously identified as *Ralls* and *Rambos* - but there must have been wide discrepancies in comparison with those varieties. In 1925 the specimens were received under the name *Streak*, from Arlington and were in all probability the variety (local) that I found at W. M. Boyds, Rockland Va. under that name. Specimens were received 4/19/11 (over) 9/28/25 - it was noted: while it is a fairly pleasant little apple, it is too small and too lacking in important characters to be of any particular value.

Characterization: to be of any particular value.

In size and form comparable with *Ralls*. but not in other respects. Ground color yellow, with rather light red stripes. Flesh tinged yellow, fine grain, tender, juicy, mild subacid, delicate but not high quality. No particular account. 1927 crop stored. Out 12/28. (over) 3/9/28 In office refrigerator - measurable. No comments on storage condition. Above flesh notes made from stored fruit. (no 22 sheet.) (over)

Painting: #26674

Descriptions: #26674-42394

Scams received 4/3/11, undoubtedly
from W. M. Boyd, Roseland, Va.

VARIETY APPLE ORCHARD
Arlington Farm

508

Variety: *Striped Beauty*

Pomology No. *28480*

Orchard location: Section *7* Row *15-16* Tree *3*

Arlington Accession No. *4372* (see *7:5-6:3* acc. No. *4347* also *Striped Beauty*)
S.S. No. 6754

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | <i>10/4</i> | <i>104156</i> | : | 1928 - | | |
| 1924 - | <i>no other picking</i> | | : | 1929 - | | |
| 1925 - | <i>record.</i> | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *5/2, full bloom.*
1925 - *4/5, 50% buds open; 4/30, well past full.*
1926 -
1927 -

Remarks: *Scions received 3/20/03 - probably from nursery in*
From Camden, New South Wales. From
Ferguson & Son. Scions rec'd 6/19/01
on orchard card (sample card) noted as the same
as McSee Mammoth (#211), but this location was
Western Beauty. McSee was at L:231. (Mistake about
location or variety - used in comparison - or some

Characterization: *where else!*

11/2/23. This was noted as a very large
oblate apple with a solid overspread of red.
Some grayish overspread - conspicuous
dots with dark centers and russet leather
cracking. Fairly rich; quality good.
Much water core. (No 2 sheet)
(over)

3/2/26. A larger, finer tree than
than 7:5-6:3 (acc. No. 4347)
but same general type.
Parulino 10/230 and an
earlier one without four. no
description: none

VARIETY APPLE ORCHARD
Arlington Farm

807

Variety: *Striped Beaupin*

Pomology No. 28481

Orchard location: Section *F* Row *5-6* Tree *3*

Arlington Accession No. *4347* (See *7:15-16:3*)

S.P.J. No. 6721

acc. No. 4372, also *Striped Beaupin*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/27</i> | <i>102632</i> | : | 1927 - | | |
| 1923 - | <i>9/3</i> | <i>103881</i> | : | 1928 - | | |
| 1924 - | <i>9/13</i> | <i>105387</i> | : | 1929 - | | |
| 1925 - | <i>9/9</i> | <i>106752</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *5/1, 20% buds open; 5/6, full bloom.*
 1925 - *4/15, 40% " " ; 4/20, part full but still few buds.*
 1926 -
 1927 -

Remarks: *Scions received 3/20/03 from Gosford, New South Wales. Through Hunter & Sons, 6/14/01 scions for Arlington from Nursery on Paterson flats where grown as Pom. No. 21751. Acc. No. 4372 (Pom. No. 28480) is also listed as *Striped Beaupin*. This was from Camden, New South Wales through Ferguson & Son, also received 6/14/01 (see over). These 2 var. are different as grown here, which*

Characterization: *is correct is uncertain.*
9/26/24 it was noted that this variety is good size, very attractive, roundish cone, covered with bright red and indistinct stripes. but on 9/16/25 it was said to be good size, oblate cone, fairly regular, ground color - greenish yellow, overlaid with rather bright red, small light colored dots, and minute lenticular markings that somewhat dull the general effect. Dots fairly numerous (over)

varying from rather conspicuous, light
in color to slightly raised, brownish
color. Flesh whitish, fairly fine grain,
fairly tender, normally juicy, rather
acid, not very rich, rather poor
in quality.

In 1922 this was noted as a
large reddish apple - pretty
good.

May still be a question as to
whether Acc. No. 4372 and
this variety may not have
been the same thing.

They seem to have quite
a number of paints in

common: Acc. No. 4372; Pam. No. 28480 - science
for Arlington from nursery on Palo
Fats. There grow as Pam. No. 21750

(No 2d sheet)

3/2/26. A good sized, healthy tree
upright, spreading; branching
normal, moderate number
twigs and spurs. Bark some-
what rough.

Paintings: #101230 and an earlier one
Description: ^{without} ~~none~~ Jour. no.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Striped Pippin

Pomology No.

24337

Orchard location: Section

B

Row

21-22 Tree

3

Arlington Accession No.

1919

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/23 | 102582 | : | 1927 - | | |
| 1923 - | 9/27 | 104113 | : | 1928 - | | |
| 1924 - | — | — | : | 1929 - | | |
| 1925 - | 10/11 | 106750 | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 -

5/1, full bloom - very light.

1925 -

7/14 90% buds open; mostly on few limbs.

1926 -

(4/16, unlike most varieties that were 90% on 7/14, most of petals are still on).

1927 -

on 7/14, most of petals are still on.

Remarks:

Scions from N. Y. exp. station, 1902.

Apparently little or no information available as to what this variety should be like. May possibly be streaked Pippin described and illustrated in Apples of N. Y. Vol I, though that would seem to be a much longer keeping variety than is this striped Pippin. In culture of latitude where grown a deal of course.

Characterization:

Notes 12/25: affect keeping qualities. Head size, slightly elongated, conic; a little irregular. Ground color yellow, both well overcast with mixed red and indistinct stripes; dots fairly numerous, yellowish, rather conspicuous; a good deal of butter-milk overcast; flesh yellowish, fairly firm, grain tender, normal juice, mild subacid, not very rich but pleasant, fairly good. Some fruits have considerable water core. (in 2d sheet)

3/4/26. Tree above medium size;
Heavy main limbs, but
secondary branches and
twigs are slender.
spurs small, rather
few.
Branching normal.

Veget. No. 44709

Painting: None

Descriptions: None under this name.

Strained Pyppin; # 6285-7694

VARIETY APPLE ORCHARD
Arlington Farm

811

Variety: *Stuart Golden*

Pomology No. *None on label*

Orchard location: Section *E* Row *11-12* Tree *3*

Arlington Accession No. *4212*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>10/13</i> | <i>102852</i> | : | 1927 - | <i>4/22</i> | <i>109543</i> |
| 1923 - | <i>10/8</i> | <i>104201</i> | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | <i>9/25</i> | <i>106873</i> | : | 1930 - | | |
| 1926 - | <i>11/1</i> | <i>108491</i> | : | 1931 - | | |

Blossom dates: 1924 - *4/28, 25% buds open; 5/2, full bloom*
 1925 - *4/14, 80% " " 4/20, petals mostly off.*
 1926 - *4/30, 75% " "*
 1927 -

Remarks: *Scions from Kansas Agr Coll, Manhattan, 2/14/03.*

This is probably the apple described in apples of N.Y. Bot. I. In 1925 (10/13) it was called good to very good, but in later years rather indifferent as to quality. Beach says it is rich, aromatic, very good for dessert.

Characterization: *Small to medium - about 2 1/4" in diameter, fairly regular; roundish to slightly oblate. Ground color greenish yellow (9/29/25), but doubtless yellow later, a remote suggestion of blush on some fruits; dots fairly numerous, but so small and submerged as to appear practically absent - a very few scattered brown dots. Flesh tinged yellow, fairly fine grain, rather firm, subacid with no particular characteristic flavor 9/29/25 - (It is suggested that fruit was too immature for quality note - definitely over)*

so sided on 9/28/21. On the latter
date it was quite juicy, rather
sprightly subacid - too sharp to be
pleasant - but too immature for
juicy rating. In other respects
than quality it checked pretty
well with description in
apples of N. Y.

See storage notes for quality.

Second sheet, Variety

Stuart Baldwin

812

Storage notes:

Crop of 1926. Out of storage 12/27;
exam. 4/7/27. Has kept well kept for
a little while. Fine grain, quite juicy,
mild subacid, rather delicate flavor,
ratings perhaps as good in quality.
Small size of fruit is definitely
against the variety.
1927 crop. Out of storage and examined 12/27. (over)

Vigor of Tree: Exceptionally strong (Below) (average) weak. Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

11/26/28

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight (crooked.)

Secondary limbs: (Numerous) medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A poor unsymmetrical tree. Considerable rough
back similar to Yellow
Newtown.

Illustrations:

Tree photographed Neg. No. 47996

Fruit painted #62640 and one
without jaws. no. Fruit modeled

Fruit described #2904

Disease notes by J. W. Roberts:

12/27. In excellent condition; fine
grain; crisp but tender, juicy, mild
subacid; no characteristic flavor
but pleasant; good in quality.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Stump

Pomology No.

24465

Orchard location: Section

6

Row

17-18

Tree

2

Arlington Accession No.

3031

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>8/19</i> | <i>102306</i> | : | 1927 - | | |
| 1923 - | <i>8/23</i> | <i>103757</i> | : | 1928 - | | |
| 1924 - | <i>8/29</i> | <i>105174</i> | : | 1929 - | | |
| 1925 - | <i>8/11</i> | <i>106574</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -

no bloom

1925 -

4/14, little fruit full bloom.

1926 -

1927 -

Remarks:

*Scions received from Ellwanger & Barry,
Rochester, N.Y. 7/5/02.*

Characterizations:

*Size medium or below, roundish,
canine to slightly oblong canine, ground color
pale yellow, ripened side rather lightly overexposed
with bright red; moderate number of rather
conspicuous russet dots of irregular size, some
times extending into short cracks - dots more
numerous about apex some of which are light
in color. Flesh white, somewhat watery,
rather fine grain, tough, not very juicy, rather
sharply acid; looks rich - little to commend it.
(over)*

9/5/24. A little past prime
on this date.

(no 2^d sheet)

3/4/26.

Tree medium or above,
slightly spreading. Main
limbs long, slender;
secondary branches and
twigs long, slender;
spurs all along the
secondary branches.
Burr knot abundant,
Bark on trunk firm,
hard, old cuticle finely
divided.

Her. No. 44682
Painting: None
Description: #34129

VARIETY APPLE ORCHARD
Arlington Farm

814

Variety: *Sutton*? (see under Remarks)

Pomology No. 24606

Orchard location: Section *D* Row 25-26 Tree 5

Arlington Accession No. 3382

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 9/23 | 102570 | : | 1927 - | | |
| 1923 - | 9/28 | 104141 | : | 1928 - | | |
| 1924 - | 9/24 | 105479 | : | 1929 - | | |
| 1925 - | — | — | : | 1930 - | | |
| 1926 - | — | — | : | 1931 - | | |

Blossom dates: 1924 - 4/25, 25% buds open; 5% full bloom - light
1925 - 7/14, 40% " " ; 1/15 full bloom.
1926 -
1927 -

Remarks: Scions were received in 1902 from C. D. Hicks, North Clarendon, Vt. under the name *Sutton* - which may or may not have been intended for Grand Sutton. However the samples were received from Arlington each year under the name *Sutton* and were accepted as correct for that variety. A question arises as to whether the acc record (No. 3382) should not read *Sutton* instead of *Sulton*, for which there seems to be no authority.

Characterization: 10-4-24
Considered to be pretty good specimens of *Sutton*, though not as well colored as sometimes. Some of the specimens look enough like Hubbardston (of which it is supposed by some to be a seedling) to pass for that variety without an examination of the fruit characteristics. It had none of the characteristic Hubbardston flavor.
(no 2d sheet) (over)
New No. 42662

3/4/26.

A fine tree - medium or
above, tall, spreading, long
slender main branches,
secondary branches slender,
spurs abundant throughout
the tree top, an all growth
back to the older parts
of the main limbs.

Painting: None

" Grand Luttery? :

41214

101543

Description: None

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Summer Extra*

Pomology No. 40642

Orchard location: Section *H* Row *19-20* Tree *4*

Arlington Accession No. *6424*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>7/26</i> | <i>101621</i> | : | 1927 - | <i>8/4</i> | <i>109246</i> |
| 1923 - | <i>8/13</i> | <i>103392</i> | : | 1928 - | <i>8/22</i> | <i>110327</i> |
| 1924 - | <i>8/11</i> | <i>105086</i> | : | 1929 - | <i>7/19</i> | <i>111016</i> |
| 1925 - | <i>8/6</i> | <i>106546</i> | : | 1930 - | <i>7/24</i> | <i>111496</i> |
| 1926 - | <i>8/18</i> | <i>107937</i> | : | 1931 - | <i>7/30</i> | <i>112271</i> |

Blossom dates: 1924 - *5/2, full bloom*
1925 - *4/15, 90% buds open; 7/20 well past full bloom.*
1926 - *4/30, 90% " "*
1927 - *4/12, first bloom.*
1928 - *4/20, " " ; 4/26, 50% buds open; 7/1, 95% " open - petals falling.*

Remarks: *Scions received from W. H. Lowrie 3/27/08 from private collection in Arlington. This entry refers to Pom. No. 11466 - Scions of Lowrie's selection from Selwyns garden, Leesport, Pa. Suggest yellow bellflower.*

Characterization: *Same seasons fruits - suggest yellow bellflower in returned appearance. Good size - usually oblong conic (in 1929 they were more nearly round than usual). Fairly regular. Cavity medium, many lipped (Roman stem); stem about 3/4", medium; basin narrow and shallow to medium depth, wrinkled; sepals quite long, converging; eye rather small, closed. Apex commonly comes to a point - but is, it is much contracted - (ground color greenish or greenish yellow, till fully ripe then yellow, some show slight blush, sometimes light butterfly markings, dots, moderate number, usually regular, sometimes irregular brownish, sometimes some yellowish over)*

slightly raised, rather conspicuous,
+lesh tinged yellow, fairly fine grain,
tender, fairly juicy, mild subacid with
no very distinctive flavor - but very
pleasant dessert apple when full ripe;
if too immature it lacks flavor; if over-
ripe it is flat.

7/26/29 ground color still greenish;
firm and hard, question if it
would not have been better to
delay picking a few days. It was
picked in '28 earlier than in any
other year.

Storage notes:

10/10/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very (large)
medium small; Color: Light dark normal. *Falling now.*

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained *mostly* disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium
(short) Straight branched (twiggy) Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - (1 - 2) - 3 inch Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Reg. No. 49041

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*Trees look healthy, no sign of crown
gall, rather sturdy, no apparent disease,
fine crop of fruit this year. May be
true is dwarfish type - both trees
appear the same.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Summer Gillyflower* (see under Remarks)

Pomology No. 55904

Orchard location: Section *K* Row *20* Tree *1*

Arlington Accession No. *11663*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | | |
| 1923 - | | | : | 1928 - | <i>9/8</i> | <i>110369</i> |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks: Scions received *3/28/12*. Source is not stated on acc. record card. May be under Pom. No. in Jour. of Receipts. - See over for source. The one fruit sample received from Arlington was labeled *Summer Gillyflower*, but acc. record clearly gives the name as

Characterization: *Summer Gillyflower*.

Note 9-11-28. Good size, oblong conic; cavity medium, slightly recessed; stem $\frac{1}{2}$ " fairly stout; a good many specimens slightly Roman stemmed. Base rather shallow moderately broad, wrinkled; sepals rather large, reflexed, age open. Ground color medium yellow, some times faint pale red stripes. Flesh yellowish, fairly fine grain, tender, fairly juicy (over)

pleasant, fairly rich, mild
subacid, good to very good.
In prime season now 9/11/28.

This would seem to be a pretty
good apple for its season
so far as one may judge
from this one season's
samples of fruit
(No. 2d sheet)

Painting: none
Description: none

Pam No. 55704. Scions of yellow Gilliflower
received 3/27/12 from Silvanus Gordon,
Sugartown, N. J.

VARIETY APPLE ORCHARD
Arlington Farm

818

Variety: *Summer Pearmain*

Pomology No. *None on acc card.*

Orchard location: Section *K* Row *24* Tree *3*

Arlington Accession No. *10875*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <i>8/10</i> | <i>109282</i> |
| 1923 - | | | : | 1928 - | — | |
| 1924 - | | | : | 1929 - | — | |
| 1925 - | <i>8/8</i> | <i>106547</i> | : | 1930 - | <i>7/29</i> | <i>111498</i> |
| 1926 - | <i>8/27</i> | <i>107776</i> | : | 1931 - | <i>8/25</i> | <i>112296</i> |

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks: *Scions received 7/11/11 from Lewis Gillingham, Accotink R. Va. (Mt. Vernon estate)*

Characterization: *Size about medium, oblong conic. Stems variable from 1/2" to 1 1/4", slender; ground color pale yellow, highly colored fruits overspread with bright red, with very indistinct stripes. (Many specimens as received show very little color but seem to be picking ripe). Spots numerous, somewhat variable, but mostly small, yellowish not very conspicuous; some show as minute russet spots and small darker checks. Flesh yellowish, fairly fine grain, tender, juicy, (over)*

Mild subacid, rich - one of the highest in
quality of its season. (1927)

In 1925 & in 1926 the fruit had a musty
flavor absorbed probably from the storage
room at Arlington where specimens were
doublets held for a day or two (This
abnormal musty flavor was not un-
common in the fruit from time to
time). Same seasons the red
color was dull and the fruit not
well finished but there were
enough well developed specimens
from year to year to show its
potential possibilities under
favorable conditions

(no 2d sheet)

Neg. No. 42654

Paintings: Several
Descriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

819

Variety: *Summer Pippin* (or *Nyack* - or *Champlain*)
Pomology No. 40552 (see *note* for source)

Orchard location: Section *H* Row *1-2* Tree *4*

Arlington Accession No. *6371* (see *Remarks*)
acc. No. 1420, Pom. No. 24338, B:21-22:4 also Summer Pippin. Accession from N.Y. Dept. Agr. 1907-

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|----------------------|-------------|-----------------|---|--------|-------------|-----------------|
| <i>acc. No. 1420</i> | <i>7/21</i> | <i>101617</i> | : | | | |
| 1922 - | <i>7/21</i> | | : | 1927 - | <i>8/4</i> | <i>109247</i> |
| 1923 - | <i>7/25</i> | <i>103366</i> | : | 1928 - | <i>7/24</i> | <i>110190</i> |
| <i>No. 1420</i> | <i>7/20</i> | <i>106485</i> | : | 1929 - | | |
| 1925 - | <i>7/28</i> | <i>106523</i> | : | 1930 - | | |
| 1926 - | <i>7/21</i> | <i>107663</i> | : | 1931 - | | |

Blossom dates: 1924 - *(except as noted picking dates are for acc. No. 6371)*
1924 - *5/2, 40% buds open.*
1925 - *5/6, 90% " "*
1926 - *4/30 - center buds open.*

1925 - *4/14, first bloom.*
1927 - *4/26, first bloom; 5/1, 35% buds open.*
1928 - *4/20, first full bud.*
1929 - *4/20, still quite buds.*

Remarks: *Accession received 3/13/05. Source not given on acc. card. (see Pom. No. 1420, from private collection of W. H. Triffin, Cambridge, under the name Nyack). Identity of this apple is very uncertain. There are at least 3 different Summer Pippins on record. Besides, the acc. record (No. 6371) clearly gives the variety as Nyack. How or when the name Summer Pippin got into the orchard records is unknown now. B.S.P. Bul 56 Summer Pippin and Nyack to be Champlain; Nyack is a recognized synonym of Champlain. In the specimen records no question appears to have been raised as to the fruit being Summer Pippin but what apple was taken as a standard of comparison is not clear. Under Champlain Bush in Apples of N.Y. gives the above synonymy. (1909)*

Characterization: *now. B.S.P. Bul 56 Summer Pippin and Nyack to be Champlain; Nyack is a recognized synonym of Champlain. In the specimen records no question appears to have been raised as to the fruit being Summer Pippin but what apple was taken as a standard of comparison is not clear. Under Champlain Bush in Apples of N.Y. gives the above synonymy. (1909)*

Characterization. ^{some seasons below} Good size, ^{medium} roundish
to roundish cone. Ground color yellow, - some
fruits show a little bruing on exposed side.
Scales fair, numerous, mostly submerged and
inconspicuous, a few scattered brownish
in color. Flesh white, fine grain, tender,
juicy. Mild and acid when in prime,
fairly rich. When over mature it has a
peculiar and unpleasant flavor 5/26 and
also in 1925. If immature it is hard,
and tough and too acid for eating out
of hand. Combined with summer
extra - half and half, it makes excellent
sauce.

Blossoming dates for Ace. No. 1920.

1924

5/3, 40% buds open; light bloom.

1925-

4/13, first bloom; 4/16, 50% buds open.

developing slowly but
good trees!

Second sheet, Variety

820
Summer Pippin (Hyslop or
Champlain?)

Storage notes:

10/20/28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: (Light) dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader; (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender (stout); Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2 - 3 inch); (Mostly branched) unbranched;
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 49690 (H: 2:4)
" 44710 (B: 2:1:4)

Fruit painted Several

Fruit modeled

Fruit described None - that can be definitely connected with
this apple.

Disease notes by J. W. Roberts:

upson was a tree. H: 1:4 apparently
has much crown gall or hairy root.
This doesn't show on H: 2:4 but it
looks as if it had been partially blown
over at some time in the past.

VARIETY APPLE ORCHARD
Arlington Farm

821

Variety: *Summer Pound*

Pomology No. 46427

X See also acc. No. 8576. Pom. 46427

Orchard location: Section

Row 15 - 16 Tree 4

Arlington Accession No. 5191

(See acc. No. 7226. 5-6:5 referred to below -- also Summer Pound - but no acc. card in files for same.)

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | 1/25 | 102210 | : | 1927 - | 5/14 | 109248 |
| 1923 - | — | — | : | 1928 - | 8/14 | 110271 |
| 1924 - | 7/18 | 105102 | : | 1929 - | 9/1 | 111060 |
| 1925 - | 9/1 | 106694 | : | 1930 - | — | — |
| 1926 - | 9/1 | 107938 | : | 1931 - | 5/13 | 112276 |

Blossom dates: 1924 - 5/2, 25% buds open; 5/6. Little fruit full - light green.
 1925 - 7/15, 20% " " ; 8/20, 90% buds open.
 1926 - 8/15 5/3. full bloom; 8/16 no evidence of bloom.
 1927 - 7/27, fruit bloom?; 8/16 " " " "
 " 8/5 50% buds open; " " " "

Remarks:

Records all relate to acc. no. 5191 except where noted otherwise. Accession # 5191 removed 3/24/10. Same not given; no variety name recorded on acc. card. Name may have come from Pom. No. entry. There is no acc. card in files for acc. No. 7226.
 * This Pom. No. is same as for acc. no. 5191. Reference to

Characterization:

There seems to be some confusion regarding the identity of these apples. They seem to have varied from year to year considerably in form and in other respects. However, paintings on file show considerable variation in paintings labeled Summer Pound. Range of medium to very large, roundish conical to somewhat conical; sometimes apex is sharply pointed but this seems to vary.

Cavity, heavily russeted but russet not
extending beyond cavity.

ground color greenish to yellowish with
only minor markings. Dots various
some white, some brownish. Sometimes
some saturated brownish. Sometimes
some white, suberized. Surface
very smooth.

Flesh tinged green, fine grain,
tender, juicy, mild subacid, pleasant.
Looks rich. Good. $5/17/28$ Still
firm, rather hard, though apparently
nearly ripe.

$7/4/25$ Acc. No. 7226. Good size roundish
cone. Cavity russeted. Self colored.
yellow; dots numerous, quite large,
brownish. Flesh white almost
like the Farnese, tender, juicy, fairly
fine grain, very mild subacid.
almost neutral. Fairly rich; very
pleasant.

There are large discrepancies in
the characterizations above of the
two accession numbers. It seems
likely that more than one variety is
under the name Summer Packed
though they may have a number of
points in common.

Second sheet, Variety

Summer Poured

822

Storage notes:

acc. no. 8787

11/14/25

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *Mostly off*

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared.)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open dense stocky
grower; Top (round) much broader narrower than tall.

few twigs make an open top, though average number of secondary branches.
Illustrations:

Tree photographed

neg. no. 49677 (f. 6.5)

Fruit painted

None #111060

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Summer Poinc (Prunk Royal)*

Pomology No. *46427*

Orchard location: Section *A*

Row *21-22* Tree *5*
(See acc. No. *8/91*, *15-16/4*,
also Summer Poinc)

Arlington Accession No. *8-5/6*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | | | : | 1927 - | <i>8/4</i> | <i>109250</i> |
| 1923 - | | | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | | | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *5/6* very light bloom
Scious from *4/15*, fruit opening; No. *10%* buds opening
U.T. Cox. 1925 - *R22* " , 20% buds open; *7/30* 75% " "
Proctorville 1926 - *3/2* no bloom
Ohio *3/12/10* 1927 - *1.2* " *5/2* 55% buds open - Only few branches with bloom buds.

Remarks: Scious from *W. H. Irwin 7/3/10*
The acc. record marks this under name *Prunk Royal (Syn. of Summer Poinc)* but the
one orchard record on file gives it as *Summer Poinc*. The authority for changing the orchard record
is unknown.

Characterization: *8/27* large, roundish-conic to somewhat
elongated, apex tapering sharply. Coarsely - heavily ^{coarsely} russeted
Color *8/27* dark greenish yellow; dots rather scattered,
mostly submerged, some raised, brownish, but
mostly a blend with surface they are inconspicuous.
Flesh white, fine grain, tender, slightly bristly,
juicy, with a acid, pleasant, flaky good.
Keeping qualities of these specimens is poor, otherwise
they look as if they might have merit

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1900

Second sheet, Variety

Summer Round (Round Royal)

Storage notes:

acc. No. 8576 (7:21-22:5)

11/15/25

Tigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Primary limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) (medium) slender stout;
Drooping.

Twigs: Many medium (few) (medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1 - 2 - 3 inch) Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender (open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations: *(A poor stubby growth - Rather uncertain as to character of tree.)*
Tree photographed

Fruit painted *None* #111060 Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

3. 25

Second sheet, Variety

Summer Pound 225
acc. No. 7226, f: 5-6, 5

Storage notes:

11/15/28

Below

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *40 ft.*

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many medium few Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open ~~dense~~ stocky
grower; Top round much broader narrower than tall.

a rather stately type of growth though average size
Illustrations: *open.*

Tree photographed

Fruit painted *None* ^{#111060} Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

826

Variety: *Summer Rambo*

Orchard location: Section *5* Row *11-12* Tree *3*

Arlington Accession No. *6327* (see Acc. Nos. *6295* & *6296* - also *Summer Rambo*)

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | | | 1927 - | <i>8/19</i> | <i>109361</i> |
| 1923 - | | | 1928 - | <i>8/14</i> | <i>110275</i> |
| 1924 - | | | 1929 - | — | — |
| 1925 - | | | 1930 - | <i>8/20</i> | <i>111542</i> |
| 1926 - | <i>8/27</i> | <i>107801</i> | 1931 - | — | — |

Blossom dates: 1924 - *5/3*, full bloom.
1925 - *4/15*, 25% buds open; *4/20*, past full.
1926 - *4/30*, 75% " "
1927 - *4/25*, 10% " " ; *5/1*, 95% buds open.

Remarks:

1927 - picked 8/19 Exam. 9/2
Noted that specimens perhaps represented the variety at its best in size and general development but rather lacking in color.

Characterization:

Form somewhat oblate.
Ground color greenish yellow; a limited amount of dull red striping. Dots numerous, of 2 types: small white, submerged, inconspicuous, and more or less scattered raised, brownish dots. Otherwise smooth and fairly regular. Flesh yellowish, tender, fairly fine grain, juicy, mild subacid, rich, pleasant, good to very good - all things considered, probably one of the best quality apples of its season.

Reg. Nos. *49033* & *49034* (*8:11:3*)
47792 (*8:12:3*) (no 2d sheet) (over)

Paintings: Several
 Descriptions: Several

| Number | Year | Artist | Title | Medium | Location |
|--------|------|---------------|-------------------------------|---------------|-----------------|
| 1000 | 1850 | J.M.W. Turner | Rain, Steam, and Great Bridge | Oil on canvas | London, England |
| 1001 | 1851 | J.M.W. Turner | Rain, Steam, and Great Bridge | Oil on canvas | London, England |
| 1002 | 1852 | J.M.W. Turner | Rain, Steam, and Great Bridge | Oil on canvas | London, England |
| 1003 | 1853 | J.M.W. Turner | Rain, Steam, and Great Bridge | Oil on canvas | London, England |
| 1004 | 1854 | J.M.W. Turner | Rain, Steam, and Great Bridge | Oil on canvas | London, England |

The following are the titles of the paintings and descriptions of the same, as given by the artist, J.M.W. Turner, in his 'Rain, Steam, and Great Bridge' series. The paintings are numbered 1000 to 1004, and are all oil on canvas. The titles are: 1000. Rain, Steam, and Great Bridge. 1001. Rain, Steam, and Great Bridge. 1002. Rain, Steam, and Great Bridge. 1003. Rain, Steam, and Great Bridge. 1004. Rain, Steam, and Great Bridge. The descriptions are: 1000. A view of the Great Bridge over the River Thames, London, England, in rain and steam. 1001. A view of the Great Bridge over the River Thames, London, England, in rain and steam. 1002. A view of the Great Bridge over the River Thames, London, England, in rain and steam. 1003. A view of the Great Bridge over the River Thames, London, England, in rain and steam. 1004. A view of the Great Bridge over the River Thames, London, England, in rain and steam.

VARIETY APPLE ORCHARD
Arlington Farm

827

Variety: *Summer Rambo*

Orchard location: Section *5* Row *1-2* Tree *2*

Arlington Accession No. *6295* (See acc. No. *6296* *5:1-2:3*)
Pomology No. *40489* (*11467*) also *Summer Rambo*

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | | | 1927 - | <i>8/19</i> | <i>109364</i> |
| 1923 - | | | 1928 - | <i>8/4</i> | <i>110272</i> |
| 1924 - | | | 1929 - | <i>8/7</i> | <i>111061</i> |
| 1925 - | | | 1930 - | <i>8/25</i> | <i>112287</i> |
| 1926 - | <i>8/27</i> | <i>107777</i> | 1931 - | <i>8/25</i> | <i>112297</i> |

Blossom dates: 1924- *5/2*, 75% buds open; *5/6*, little past full. *light bloom*
1925- *4/5*, 25% " " ; *4/20*, little past full.
1926- *4/30*, center buds open.
1927- *4/24*, first bloom; *5/1*, 50% buds open.

Remarks: As being on the *Summer Rambo*, *Grass-*
Worm *Beetle* problem, it may be stated that this
variety was viewed as *Summer Rambo*, and
apparently no question was ever raised in the
examination of the samples as to its correct
identity. Scions from private collection of W. H. Brown at

Characterization: *Lehigh* - tracing to Pom. No. *11467* - Scions from *Lehigh*
Good size, oblate, regular, smooth except
indistinct ribbing. Ground color greenish yellow,
with only a little striping on exposed side.
Sets rather numerous, large, angular, appearing
almost as minute breaks through the skin.
Flesh yellowish, fine grain, tender, juicy,
Flavor seems to be "off" and described as a
rather pronounced roth ball flavor - quite
objectionable. Its source is uncertain. Seems
unlikely that it is the true flavor of the variety.
This flavor was noted in 1926 and again in 1929.
Poor color, that is, greenish ground with but
little striping seems to be characteristic at
Arlington.

Second sheet, Variety *Summer Rambos*

Storage notes: Acc. No. 6295 (S: 1-2:2)

9/11/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal, Clean

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
(Strong) (stout) Medium straight crooked.

Secondary limbs: Numerous medium few: (Medium slender stout)
(Good) Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. 1928 growth 6"-12".

Spurs: Very (many) medium few; Very medium slender (stout)
1/2 - (1 - 2) - 3 inch; (Mostly branched unbranched) on 2-4
Spur twigs: Few medium many; Terminal bearing mostly yr wood.
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A good strong tree, approaching the ideal.

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Summer Rambo*

Orchard location: Section *5* Row *1-2* Tree *3*

Arlington Accession No. *6296* (see *5:1-2:2*. Acc No. *6295*)
Pom. No. 40490 (11776) also *Summer Rambo*

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | <i>9/6</i> | <i>102503</i> | 1927 - | <i>8/19</i> | <i>109363</i> |
| 1923 - | <i>9/5</i> | <i>103895</i> | 1928 - | <i>8/14</i> | <i>110274</i> |
| 1924 - | — | — | 1929 - | | |
| 1925 - | — | — | 1930 | | |
| 1926 - | <i>8/27</i> | <i>107778</i> | 1931 | | |

Blossom dates: 1924- *4/28*. first bloom; *7/3*. full bloom
1925- *4/15*; 25% buds open; *7/20*. little past full.
1926- *4/30*. 50% " " ; very light bloom.
1927- *4/26*, 20% " " ; *7/1*. 75% buds open.

Remarks:

This was received as *Summer Rambo* and no question raised at any time as to correctness of identity — as in case of *Grosh* and *Western Beauty*. Seems *3/1/05* from private collection of *H. H. Smith*, *Arlington*. Giving to *Pom No. 11776* — seems from *5:1-2:2*.

Characterization:

No detailed observations recorded. In 1926, it was noted that specimens were typical as to size and shape, but practically no striping (which seemed to have been characteristic of this variety at *Arlington*). Ground color *frankish yellow* (*9/1/26*) without other color markings except an occasional specimen shows slight striping. Specimens seem to be fully mature. Flavor not as rich as sometimes.

Second sheet, Variety

Summer Rambo

830

Storage notes:

Acc. No 6296- (8:1-2:3)

9/18/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
(vigorous) medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very medium slender
small (stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
good Drooping.

Twigs: (Many) medium few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
(1/2)-(1-2)- 3 inch; Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

A fine, strong, healthy tree.
Neg. Nos. 4264 + 47798

Fruit painted *several*

Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Should be - Summer Rose. Identity undetermined*

Pomology No. 43355

Orchard location: Section *C* Row *21-22* Tree *3*

Arlington Accession No. *7177*

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | <i>9/25</i> | <i>102625</i> | 1927 - | <i>9/19</i> | <i>109454</i> |
| 1923 - | <i>—</i> | <i>—</i> | 1928 - | <i>9/28</i> | <i>110638</i> |
| 1924 - | <i>10/4</i> | <i>105634</i> | 1929 - | <i>—</i> | <i>—</i> |
| 1925 - | <i>9/23</i> | <i>106875</i> | 1930 - | <i>9/18</i> | <i>111667</i> |
| 1926 - | <i>10/4</i> | <i>108367</i> | 1931 - | <i>10/6</i> | <i>112354</i> |

Blossom dates: 1924 - *5/2*. 50% buds open; *5/6*. little past full, but still few buds.
See over for same
 1925 - *4/20*. 50% " "
 1926 - *4/20*. first bloom.
 1927 - *4/26*. buds show pink; *5/1*. 30 buds open.

Remarks: In 1922 view was recorded that this apple (acc. No. 7177) and J: 21-22:1 (acc. No. 7175) were identical. No. 7175 supposed to be Rabun. No. 7177 definitely *not* Summer Rose. Visions of both are recorded *3/22/04*. Comparison of characterization of Nos. 7175 and 7177 leaves considerable doubt as to their being identical. Doubt also as to whether either was Rabun.

Characterization: *It was noted in 1922 and confirmed in 1926 that this apple resembles one of the several "Chass" varying in different years; sometimes regular, sometimes irregular and leaves marginal; usually smooth except for slight ribbing; slightly oblate; slightly conical; usually attractively lined, obtained color pale yellow; fruit well marked with bright red and deeper red distinct stripes; sometimes some lustrous overcoat and purple bloom; dots few, numerous, yellowish, fairly large, conspicuous on red surface; (over)*

Flask tinged yellow, fine grain, tender,
no round juice, mild acid with
characteristic flavor - rather unpleasant.
Perhaps a suggestion of astringency.
In 1925 its quality was mentioned
as passing but repeatedly in other
years it was referred to as too poor
in quality to be of value.

Pam. No. 43355 - records series of
Summer Race Record 7/23/09 from
L. Hartley, Myrtle Point, Oregon

Second sheet, Variety

acc. No. 7177 (21-22! 3)

Storage notes: Crop 1928. Stored 1929; Out of storage

1/4/39, Exam. 1/7/39 - No note as to condition but inference is that it was good. - Fine grain, tender, juicy, very mild subacid - almost neutral, a slight astringency! very poor in quality.

Vigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large medium small; Color: Light dark normal. 11/2/28

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short; (Straight) branched twiggy; (Medium open dense) Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout; (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender open dense (stocky) grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted #34358-36319 Fruit modeled

Fruit described Summer Rose #36316-36319

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Sutton

Pomology No.

24339

Orchard location: Section

B

Row

21-22

Tree

5

Arlington Accession No.

1921

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | — | — | : | 1928 - | — | — |
| 1924 - | <i>10/8</i> | <i>105600</i> | : | 1929 - | — | — |
| 1925 - | <i>10/11</i> | <i>106451</i> | : | 1930 - | — | — |
| 1926 - | — | — | : | 1931 - | — | — |

Blossom dates:

1924 - *4/26 first bloom; 5/11 full bloom.*1925 - *4/14, 50% buds open; 4/18 " "*

1926 -

1927 -

Remarks:

Scions from N. Y. Expt. Station in 1902.

Characterization:

Notes of 1925: Specimens look more like Hubbardston than Hubbardston. External markings are quite similar to it, but finish is coarser, dots larger and more conspicuous; there is a coarse russeting (this year) about the apex not characteristic of Hubbardston. Flesh is yellow, fine grain, firmer than Hubbardston but without its char. acetate flavor. This apple is used subacid fairly good but not as rich as Hubbardston (over) (no 2d sheet)

3/4/26, Tree medium, upright,
spreading, branching
normal. Main branches
slender, especially towards
apexes -; evidently there
has been some breaking
off of slender parts.

Many spurs occur well
back towards main
limbs on secondary
limbs - and on twigs.

Neg. No. 44714

See also neg. No. 42662

Paintings: Several

Descriptions: Several

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sugar* — See Remarks below.

Pomology No. 24340

Orchard location: Section *B* Row *23-24* Tree *1*

Arlington Accession No. *1922* + No. 3069.

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|-------------------|---------------------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | <i>9/23</i> | <i>102589</i> | : | 1927 - | | |
| 1923 - | <i>9/25 (acc no 3069)</i> | <i>104138</i> | : | 1928 - | | |
| 1924 - | | | : | 1929 - | | |
| 1925 - | <i>10/11</i> | <i>107022</i> | : | 1930 - | | |
| 1926 - | | | : | 1931 - | | |

Blossom dates: 1924 - *acc. No. 3064. Pom. No. 24551*
Petals small and wrinkled in a peculiar characteristic manner. 1925 - *" " 3069 " " 24538*

1926 - *1924. 4/29 50% buds open; 5/3 full bloom.*
1925. 4/14 75% " " ; 4/16. little past full.
1927

Remarks: *Scions from N. Y. Expt. Station in 1902.*
acc. No. 3064, 5:5-6:4 also Sugar from C. S. Scott, Lima Grove, W. Va. Scions received 4/3/02.
Picked 7/25/03. No other orchard record.
acc. No. 3064, 5:3-4:4. Fruit picked 11/24. received
lobed Sugar but acc. record gives no variety name
same scions. Variety doubtful. Only note on

Characterizations: *acc. No. 1922*
10/13/25.
fruit of 3064 was "Sautters O.K. (although
in form not in accord with our
conception" - of the variety.

Especially large and well developed specimens of the variety.
Characteristic skin markings. Flesh yellowish,
fine grain, fairly juicy. Not quite ripe enough
for full flavor (to be present. (no 2d sheet).
(over)

3/4/26. Tree medium, upright,
spreading; branching
normal. Secondary branches
bear many twigs; the latter
carry many spurs. Some
twigs are in effect long spurs
more so than in most
varieties.

Blossoming Dec No. 3069.

1924. $\frac{4}{25}$ first bloom

1925. $\frac{4}{14}$, 75% buds open; $\frac{4}{18}$, full bloom.

Reg. No. 44728

Paintings: #28611 - 37833

Descriptions: #10307 - 39711

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Sweet Fameuse

Pomology No.

24607

Orchard location: Section

2

Row

25-26

Tree

3

Arlington Accession No.

3378

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|---|--------|-------------|-----------------|
| 1922 - | — | — | : | 1927 - | <i>9/22</i> | <i>109486</i> |
| 1923 - | <i>9/16</i> | <i>104023</i> | : | 1928 - | | |
| 1924 - | <i>9/15</i> | <i>105381</i> | : | 1929 - | | |
| 1925 - | <i>9/10</i> | <i>106746</i> | : | 1930 - | | |
| 1926 - | <i>9/10</i> | <i>107939</i> | : | 1931 - | | |

Blossom dates:

1924 - *4/28*, 25% buds open; *5/2*, full bloom - bloom light.

1925 - *4/4*, still some buds but petals falling.

1926 - *4/30*, full bloom.

1927 -

Remarks:

*From C. D. Hicks, North Charendou
Vt., in 1902*

Characterization:

1924 Has strong resemblance to Fameuse in form, basin, color and other external characteristics. Below medium in size, roundish to slightly oblate, fairly regular except individual ribbing and occasionally lopsidedness. Ground color yellow with surface covered with fine stripes that practically merge with one another thus making striping indistinct; var. heavy whitish bloom; dots numerous, whitish or yellowish, fairly conspicuous. Flesh white but not snow white of Fameuse, somewhat satiny, fine grain, fairly tender, fairly juicy, distinctly sweet at proper stage of maturity but nearly neutral if too immature; not rich but fair to good.

good at its best, pleasant. 9/27/27 - In
season now.

Second sheet, Variety

Sweet farneuse

836

Storage notes:

Crop of 1926

Dec. No. 33/8

Stored 9/17. Out 13/27. Exam 12/27. Fruit in office refrigerator - meanwhile, fruit has kept well - only a minimum of shriveling - some fruits none at all.

Flesh tinged yellow, a little stringy, fairly fine grain, very tender, fairly juicy, sweet, rather cooking in richness but pleasant - fairly good. Fresh looks crispness - but only not after being in office refrigerator 23 days!

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading. *feather top*. Central leader: Partially retained *disappeared*.

Branching:

well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping. *moderately smooth*

Twigs: Many (medium) few; Medium (slender) stout; (Long) medium short; Straight branched twiggy; Medium open dense; Willowy. *stand out mostly straight*.

Spurs: Very many (medium) few; Very medium (slender) stout; (1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched);

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

a good tree - broad spreading, flat top type

Illustrations:

Tree photographed Heg. No. 47946

Fruit painted

several

Fruit modeled

Fruit described

20833 - 21158

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD

Arlington Farm

Variety:

Sweet Hounsuck (see Sweet
Roumanite
acc. no. 8572-
9:21:2)

Pomology No.

27341

Orchard location: Section

Row

24 Trees 2

Arlington Accession No.

1923

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | 10/3 | 102773 | 1927 - | 9/26 | 109545 |
| 1923 - | — | — | 1928 - | | |
| 1924 - | — | — | 1929 - | | |
| 1925 - | 10/16 | 107127 | 1930 - | | |
| 1926 - | 10/20 | 108711 | 1931 - | | |

Blossom dates:

1924 - no bloom

1925 - 1/4, 25% buds open; 1/6, 75% buds open.

1926 - very little bloom.

1927 -

Remarks:

Scion from N.Y. left station in 1902.

Sweet Hounsuck is a syn. of *Sweet Roumanite* (Bal. 56) while this apple (acc. no. 1923) has some faint in common with *Sweet Roumanite* it is not possible now to say whether these two are identical.

Characterization:

Fruit good size; roundish to slightly oblate; tapering to truncate, smooth, regular; cavity medium depth, rather broad; stem 1/4" to 1/2" medium; basin very broad, medium depth; sepals separated at base, fairly long; recurved; eye very large, often ground color greenish yellow, well covered in better developed fruits with a peculiar brownish or purplish - but sometimes a heavy bright red overcoat with light gray over wash; sometimes a heavy purplish bloom, dots variable - some pale yellow - submerged, some brownish, scattered, none (over)

conspicuous. Flesh yellowish. Fine
grain, firm, considerable body, quite
juicy, sweet, moderately rich, good.

9/20/27 fruit a lot of watercore.

Second sheet, Variety

Sweet Romanich
acc. No. 1923

238

Storage notes: 1926 Cup.

Inty storage 3/31/27. Exam 11/27. 2 of 4 fruits
badly decayed. 2 fruits in good physical condition.

No seed, no shriveling. Fresh fine grain
breaking, sweet, fairly rich - good on above.

1927 Cup. Stored 10/11; ant 10/20; Exam 11/25

Kept in excellent condition; fine eating condition
now. fairly tender, juicy, sweet, fairly rich;
good - perhaps better than good.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish (broad) flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked. *Smooth*.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout;) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender) stout;

well as (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

#108711

Fruit modeled

Sweet Romanich: several

Fruit described

None under this name.

several under *Sweet Romanich*.

Type of tree similar

to *Starkey* (B: 21-22+2)

Disease notes by J. W. Roberts:

A fine large strong tree, upright,
broad spreading.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sweet Orange*

Pomology No. 40563

Orchard location: Section *7H* Row *5-6* Tree *3*

Arlington Accession No. *6381*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | <i>10/25</i> | <i>102861</i> | : | 1927 - | <i>9/28</i> | <i>109620</i> |
| 1923 - | <i>10/12</i> | <i>104230</i> | : | 1928 - | <i>10/23</i> | <i>110735</i> |
| 1924 - | <i>11/4</i> | <i>106014</i> | : | 1929 - | <i>9/30</i> | <i>111273</i> |
| 1925 - | — | — | : | 1930 - | <i>10/18</i> | — |
| 1926 - | <i>10/20</i> | <i>105712</i> | : | 1931 - | <i>10/6</i> | <i>112335</i> |

Blossom dates: 1924 - *5/2, 90% buds open; 5/6, part full but still a few buds.*
 1925 - *4/15, full bloom.*
 1926 - *4/30, 75% buds open.*
 1927 - *4/20, first bloom; 4/26, 35% buds open; 5/1, 90% buds open.*

Remarks: *Scion received 3/13/08 from private collection of W. H. Erwin, Arlington.*

Characterization: *Medium to good size though in 1930 the fruit ran small; roundish conic, uniform, regular smooth; cavity medium; stem 1/2"; basin usually fairly deep, rather abrupt; sepals medium, reflexed; eye partially open - sometimes closed. Ground color commonly greenish yellow - sometimes deep yellow; self-color except for a copper blush on some fruits; dots numerous, mostly dark brown, slightly raised, very conspicuous, but some submerged, light colored and inconspicuous. (over)*

Flesh yellowish, fine grain, considerable body, quite juicy, fairly rich, sweet, too immature - 11/5/26 for flavor to develop. Later - at least good, or perhaps better. Seems like an excellent long keeping sweet apple.

11/5/26 It was noted that any cracks in the skin resulted in infections from which decay developed. A good many fruits showed large decayed areas - but in no other year was this tendency to easy infection and decay noted. Absence of any marked decay was noted.

Second sheet, Variety

Sweet Orange
acc. No. 6381

Storage notes:

Crop 1926. Out storage 3/24/27. Exam. 3/31/27. Excellent condition; firm, solid, no scald.

Crop 1927. Exam. 4/14/28. Substantially as above, would probably have kept considerably longer.

Crop 1928. Stored 1/27/28. Out Apr 1/10/29. Exam 4/17/29. Off in refrigerator meanwhile - evidently an excellent long-keeping sweet apple. Again exam 6/4/29. Presumably held in refrigerator since 4/1. Quite a bit of shriveling but no decay; lost flavor - all very little taste to it. (Over)

Foliage: Very (abundant) normal scanty. Leaves: Very large (medium) small; Color: Light (dark) normal. Clean.

Habit of Growth: Very (upright) (roundish) broad flat spreading. Central leader: (Partially retained) disappeared.

Branching:

well branched

Main limbs: Very medium long short; Very medium slender (stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. *well branched*

Twigs: (Many) medium few; Medium (slender) stout; (Long) medium short; Straight branched twiggy; Medium open dense; (Willow) *twig crop*

Spurs: Very many (medium) few; Very medium slender stout; (1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

An excellent, clean, strong tree; foliage in fine condition this date.

Illustrations:

Tree photographed

Fruit painted #33067 - 109620 Fruit modeled

Fruit described #8312 - 33067

Disease notes by J. W. Roberts:

Jan 19
quality note. ~~Apr 17/28~~ - it was characterized
as fine grain, quite firm but tender,
considerable body, very nicely sweet,
rather lacking in richness; rates
not better than good.

Apr 17, 1929. - fine grain, quite firm,
considerable body, quite juicy,
sweet, fairly rich, at least good,
perhaps better than good. About
the same note 12/17/31 as fruit
held in refrigerator since
picked 10/16/31. Other notes indicated
lack in ^{firmness and} richness. Flat - and
below good. Apparently the
fruit varies considerably from
season to season and in the
way it is handled - and in
particular degree of maturity when
tested for quality.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Sweet Ramarite*

Pomology No. 46259

Orchard location: Section *I* Row *22* Tree *2*

Arlington Accession No. *86572*

| Year - | Date Picked | Pomology Number | : | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|---|--------|--------------|-----------------|
| 1922 - | — | — | : | 1927 - | — | — |
| 1923 - | <i>10/12</i> | <i>104236</i> | : | 1928 - | <i>10/10</i> | <i>110657</i> |
| 1924 - | <i>10/18</i> | <i>106044</i> | : | 1929 - | — | — |
| 1925 - | <i>10/8</i> | <i>107128</i> | : | 1930 - | — | — |
| 1926 - | <i>10/20</i> | <i>108713</i> | : | 1931 - | — | — |

Blossom dates: 1924 - *5/2* - *past full bloom.*

1925 - *4/15* - "

1926 - *5/3* - *petals mostly off.*

1927 - *4/16* - *75% buds open.*

Remarks: 1928 - *4/18*, first bloom; *4/26*, past full bloom.

(Grafts from W. H. Irwin *5/3/1910*)?

Scions received *4/10* from H. R. Spencer, Montrose, Colo. Note. likely Mr. Irwin propagated them and sent "grafts" to Arlington Farm for planting.

Characterization: Usually medium size, roundish inclined to be truncate; fairly regular but sometimes hollow unequal and lopsided. (Cavity shallow, broad; stem about $\frac{1}{2}$ " rather slender; basin shallow, broad. Ground color yellow, sometimes a rich shade; well colored fruit will over-ripe with medium bright red, but often dull, sometimes a coppery red; stripes indistinct. Stems variable - some up all, ambered, some slightly raised and yellowish, sometimes some areolar, sometimes some are brown. Conspicuous or not usually depends (over)

on surrounding shade of color.
Flask yellow, satiny, fine grain,
breaking, fairly tender-sometimes slightly
tough, moderately juicy, sweet, fairly
rich - usually rated good or better.

Second sheet, Variety

Sweet Romanita

542

Storage notes:

Crop 1926. Out storage 3/31/27. Exam 4/1/27.
27 fruits completely decayed. 5 fruits in
good physical condition. Flesh firm, breaking,
quite juicy, sweet, fairly rich.

Crop 1928. Florida '18; out 1/18/29; exam 4/1/29.
10 fruits; 3 completely decayed. 2 or 3 of the 7 are
showed, others in excellent physical condition.
Flesh fairly tender, quite juicy - sweet, fairly
rich, good or slightly better.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. 25% remains on.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared.)

Branching: Only 2 main limbs - these branch in
Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium straight (crooked.)

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense stocky
grower; Top (round) much broader narrower than tall.

a rather scraggly poorly formed tree

Illustrations:

Tree photographed Neg. No. 50/727

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Switzer* ?? (Reported from Arlington as *Lowland Raspberry* — but this is a doubtful identity.)
Orchard location: Section *D* Row *11-12* Tree *4*
Arlington Accession No. *3096** (Pom. No. 24569)

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|-------------|-----------------|--------|-------------|-----------------|
| 1922 - | — | — | 1927 - | 7/9 | 109179 |
| 1923 - | 7/17 | 103349 | 1928 - | | |
| 1924 - | 8/5 | 105054 | 1929 - | | |
| 1925 - | — | — | 1930 | | |
| 1926 - | 7/21 | 107658 | 1931 | | |

Blossom dates: 1924- 4/28, 75% buds open; 4/29, full bloom.
1925- 4/14, fruit full; 4/18, petals practically all off.
1926- 4/30, " " , 1/2 petals off.
1927- 4/12, 90% buds open — flowers open before leaves out (over)

Remarks: * See also acc. Nos. 3033 and 3108. Fruit of both reported from Arlington as *Lowland Raspberry* — which it was probably not.

Fruit studies and notes, were unfortunately too incomplete and fragmentary to be of much use in straightening out questions of characterization. *Scissors supposedly from L. R. Traft. Much station 4-5-102* identity.

In 1926 it was noted that the fruit was similar in general appearance to that of acc. No. 3108 (then supposed to be *Lowland*) but evidently not identical with it. No. 3096 is more acid and less delicately flavored than No. 3108. Some fruits of 3096 show a few pinkish red stripes. It has the same large cylindrical calyx tube, possibly averaging a little larger in size than 3108. No. 3096 does not conform to my conception of *Lowland Raspberry* but is of the same general type (over)

In 1927 it was noted that the blossoms were out before the leaves appeared very much. Blossoms small and "ragged" in appearance - a very characteristic type of flower.

Charadrysolon and comparison (cont)

1927 - July 21 - it was noted that this lot (acc. No. 3096. D: 11-124) and lots D: 117-181, acc. No. 3108 and C: 117-181:4 acc. No. 3033 were undoubtedly identical but it was also brought out that the question still persisted as to whether any one of them was Howland Raspberry (I am now $\frac{11}{42}$) of the opinion that neither one was Howland Raspberry) All 3 lots.

Check in same respects with paintings of Howland (or Howland) Raspberry on file - same core formation, same character of calyx tube, same white flesh. The cylindrical calyx tube is striking. The coloration of Howland Raspberry is substantially a red striped yellow-transparent is entirely set aside if these appear as Howland Raspberry.

The flesh of No. 3096 is fine grained, tender, firm, rather sprightly and quite pleasant for eating out of hand when fully ripe. Most of specimens are still a little immature for eating ($\frac{7}{24/27}$) Fairly good quality though not rich.

Second sheet, Variety

Switzer ??

244

Storage notes:

Acc. No. 3096 (D: 11-12:4)

110/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: (Partially retained) disappeared.

Branching: *well branched - limbs rather slender - smooth*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender (stout)
1/2 - (1 - 2 - 3 inch) (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No 47962

Long, slender main limbs are rather striking.

Fruit painted *several - mostly under cloud raspberry* Fruit modeled

Fruit described #3861 - 56929 (under *cloud blackberry*)

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Switzer* (according to acc. record but fruit reported from Washington under name *Lowland Raspberry*)
Orchard Location: Section *C* Row *17-18* Tree *4*

Arlington Accession No. *3033* (*Pom. No. 24492*)
(See acc. No. *3076*. D: 11-12: 4 which should be *Switzer* but reported as *Lowland Raspberry*.)

| Year - | Date Picked | Pomology Number | Year - | Date Picked | Pomology Number |
|--------|--------------|-----------------|--------|-------------|-----------------|
| 1922 - | 7/10 (or 18) | 101572 | 1927 - | 7/19 | 109178 |
| 1923 - | 7/16 | 103347 | 1928 - | | |
| 1924 - | 8/4 | 105054 | 1929 - | | |
| 1925 - | 7/20 | 106484 | 1930 | | |
| 1926 - | 7/21 | 107657 | 1931 | | |

Note: 492 - Mr. J. H. ... from ... Paint, Ohio. ...

Blossom dates: 1924 - 4/26, first bloom; 5/1, full bloom - very light
1925 - 4/14, part full
1926 - 4/27, "
1927 - 4/12, 90% buds open. Blossoms before leaves to any extent.

Remarks: In addition to above (acc. nos. 3033 and 3046, acc. no. 3108) D: 17-18: 1) supposedly *Orchards and Drunk*, was reported from *Arlington* as *Lowland Raspberry*. *Scious supposedly from H. W. ... Paint, Ohio*
In 1922 doubt was expressed as to whether fruit of 3033 was *Lowland Raspberry*, and in 1923 Mr. ...

Characterization: *Notes mostly 1925*
size small, oblate, ground color yellowish with mark a solid over, spread of light red - with individual striping.
dots numerous, small, some light colored others as minute brownish spots; russet in cavity. Flesh white, tender, juicy, subacid, pleasant.
doubt was expressed in 1925 as to what (over)

Lawland Raspberry is really like
and whether this apple is that variety.
In 1926 it was noted that this
apple was merely an corruption of
what Lawland Raspberry should
be. That while it is somewhat
similar to 3096, that apple is
distinctly more acid than No.
3033. The latter had the delicacy
of flavor noted for Lawland Raspberry
and was not too acid for eating
and of hand while No. 3096 is
too acid for pleasant eating.
Beck says Switzer is roundish
to oblate.

From discussion above and
brief characterization I see no
convincing reason for not
considering this apple to be
Switzer - which according
to the discussion record it
should be.

Second sheet, Variety *Switzer*.

Storage notes:

Acc. No. 3033 (C:17-18:4)

846

11/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish ~~broad flat~~ spreading)
Central leader: Partially (retained) disappeared.

Branching: *well branched - limbs rather slender*

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (medium few) Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium few) Very medium (slender) stout;
1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Open growth due to relative absence of twig growth
Illustrations: *is conspicuous.*

Tree photographed

Fruit painted *several - mostly* Fruit modeled
under Cleveland Raspberry

Fruit described #3861-56929 (under *Cleveland Raspberry*)

Disease notes by J. W. Roberts:

*Main limbs show some superficial
bark infection of same sort.*



1022764526